

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111518\
 Data File : VX006031.D
 Acq On : 15 Nov 2018 20:13
 Operator : JC/MD
 Sample : J5911-09
 Misc : 5.06µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

Quant Time: Nov 16 00:20:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	147105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	215025	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	120488	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	82013	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
35) Dibromofluoromethane	5.50	113	64938	44.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	88.80%	
50) Toluene-d8	8.71	98	241947	49.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	93727	53.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	386	0.361	ug/l	95
6) Chloroethane	1.73	64	308	0.295	ug/l #	42
13) Acrolein	2.34	56	45	19.343	ug/l #	14
16) Acetone	2.50	43	979	1.075	ug/l	96
18) Methyl Acetate	2.84	43	7437	1.612	ug/l #	55
20) Methylene Chloride	2.84	84	931	0.622	ug/l #	90
29) Tetrahydrofuran	5.20	42	997	1.085	ug/l #	44
30) Chloroform	5.21	83	3236	1.236	ug/l	100
31) Cyclohexane	5.56	56	13696	5.813	ug/l	95
36) 1,1-Dichloropropene	5.65	75	9945	4.798	ug/l #	49
38) Carbon Tetrachloride	5.66	117	12816	6.176	ug/l #	15
39) Methylcyclohexane	7.46	83	66015	31.422	ug/l	94
43) Isopropyl Acetate	6.49	43	941	0.238	ug/l #	63
45) 1,2-Dichloropropane	7.45	63	657	0.448	ug/l #	1
47) Bromodichloromethane	7.90	83	435	0.250	ug/l #	91
48) Methyl methacrylate	7.73	41	3200	1.804	ug/l #	48
51) 4-Methyl-2-Pentanone	8.66	43	6780	2.724	ug/l #	38
52) Toluene	8.78	92	945	0.280	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	15790	10.490	ug/l #	18
56) Ethyl methacrylate	9.16	69	3732	1.657	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.38	63	44	8.313	ug/l #	48
59) 2-Hexanone	9.55	43	13044	5.945	ug/l #	46
67) Ethyl Benzene	10.25	91	1478	0.255	ug/l	98
68) m/p-Xylenes	10.36	106	2025	0.915	ug/l	74
69) o-Xylene	10.70	106	568	0.286	ug/l	52
73) Isopropylbenzene	11.02	105	1707	0.245	ug/l	92
74) N-amyl acetate	10.91	43	32377	9.325	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	17912	7.004	ug/l #	26
76) 1,2,3-Trichloropropane	11.14	75	42868	17.473	ug/l #	38
78) n-propylbenzene	11.37	91	4767	0.581	ug/l	90
79) 2-Chlorotoluene	11.44	91	1162	0.234	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	1308	0.221	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.14	75	42868	55.689	ug/l #	13
83) tert-Butylbenzene	11.77	119	2692	0.449	ug/l	74

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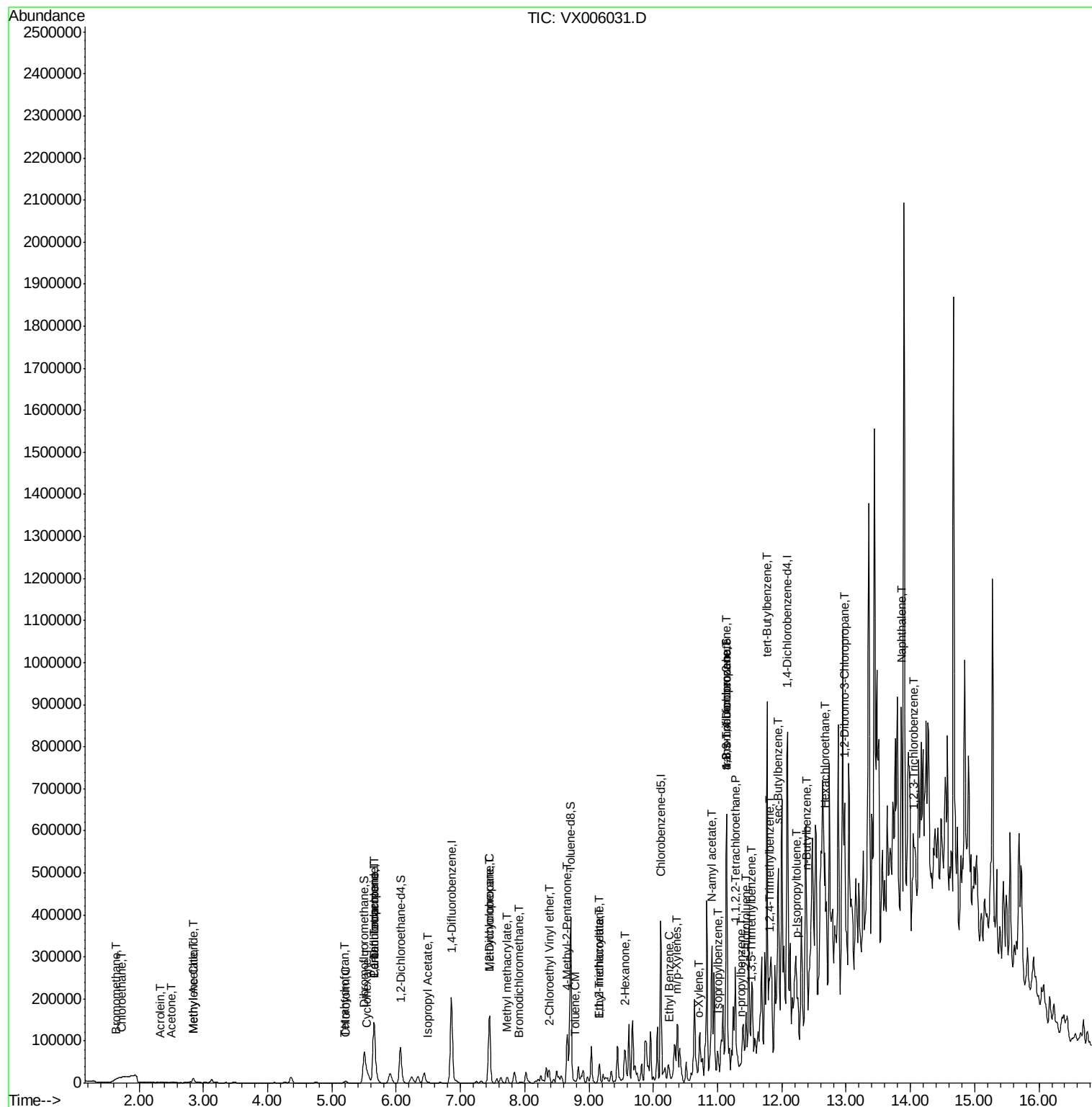
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	4721	0.604	ug/l	98
85) sec-Butylbenzene	11.95	105	11098	1.515	ug/l #	77
86) p-Isopropyltoluene	12.24	119	11739	1.809	ug/l #	87
89) n-Butylbenzene	12.39	91	18575	3.089	ug/l #	65
90) Hexachloroethane	12.67	117	15057	13.899	ug/l #	2
92) 1,2-Dibromo-3-Chloropropan	12.97	75	1074	1.721	ug/l #	1
95) Naphthalene	13.85	128	4075	1.636	ug/l #	1
96) 1,2,3-Trichlorobenzene	14.04	180	3807	1.406	ug/l #	1

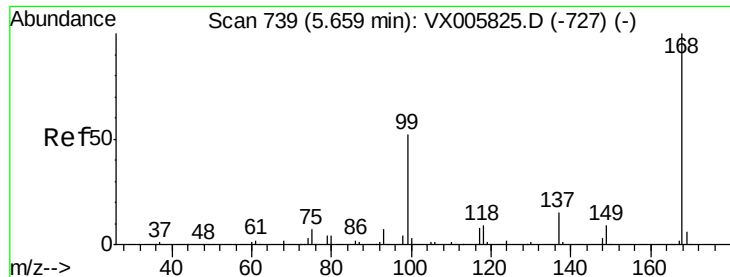
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

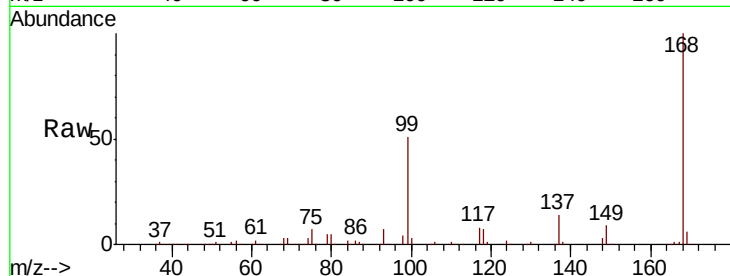
FDSB-06(21-23)

Tot Ion:168 Resp: 147105

Ion Ratio Lower Upper

168 100

99 50.7 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

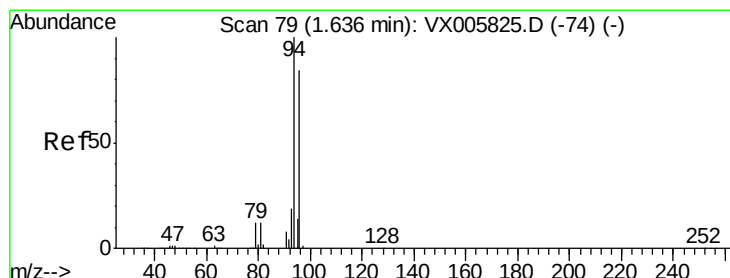
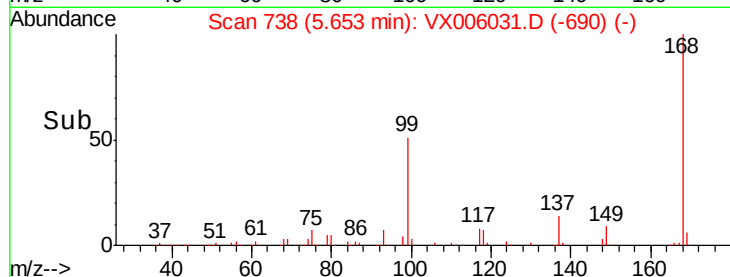
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.361 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX006031.D

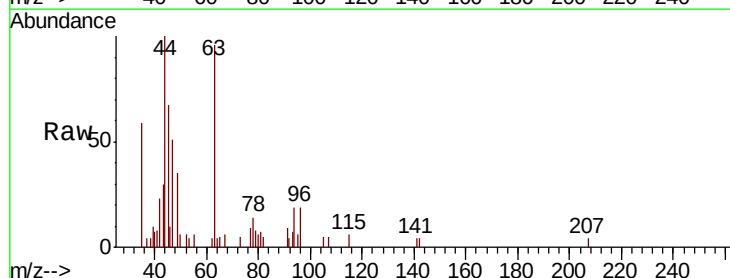
Acq: 15 Nov 2018 20:13

Tgt Ion: 94 Resp: 386

Ion Ratio Lower Upper

94 100

96 98.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

300

250

200

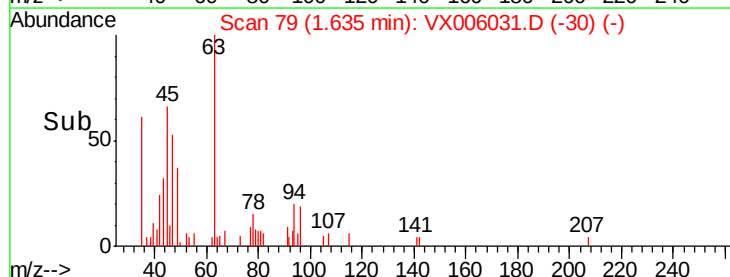
150

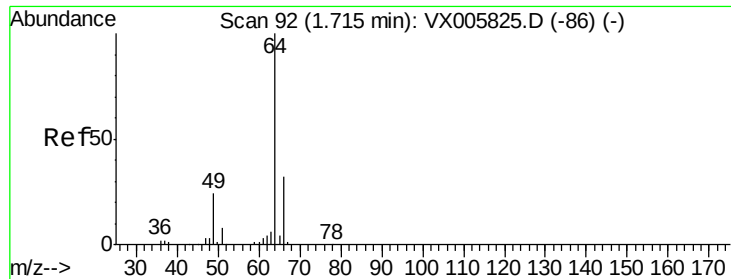
100

50

0

Time--> 1.60 1.62 1.64 1.66





#6

Chloroethane

Concen: 0.295 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampled :

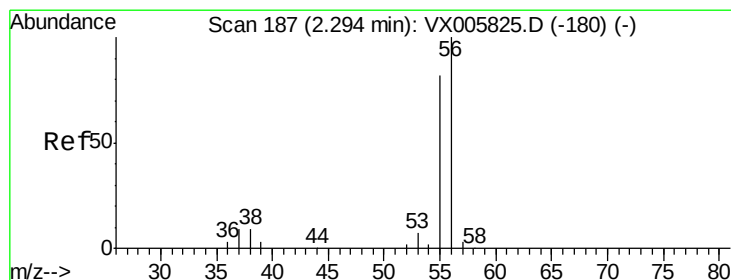
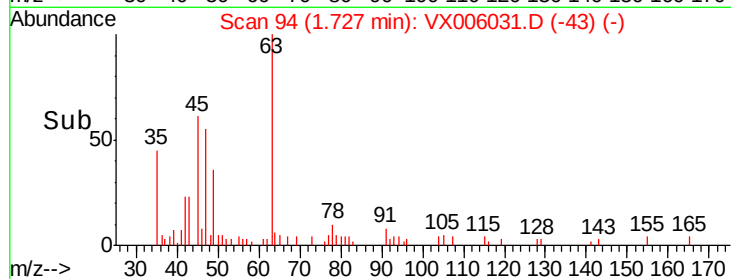
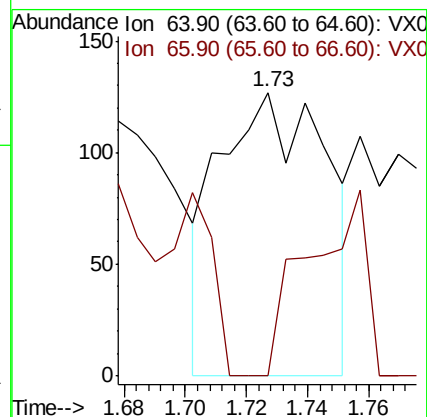
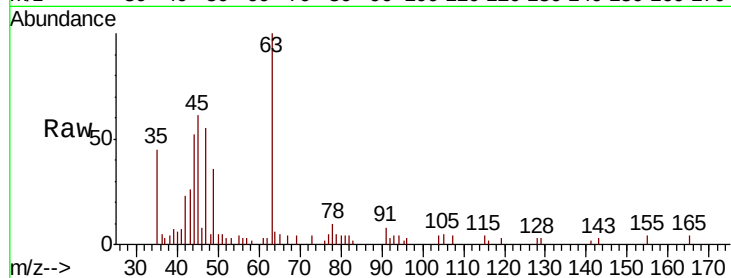
FDSB-06(21-23)

Tot Ion: 64 Resp: 308

Ion Ratio Lower Upper

64 100

66 0.0 25.8 38.6#



#13

Acrolein

Concen: 19.343 ug/l

RT: 2.34 min Scan# 194

Delta R.T. 0.04 min

Lab File: VX006031.D

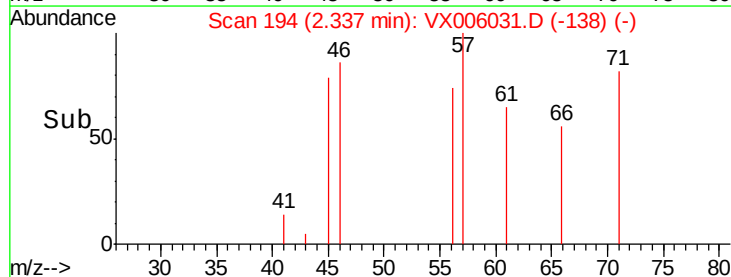
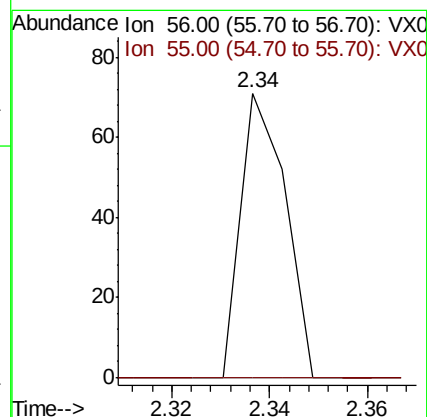
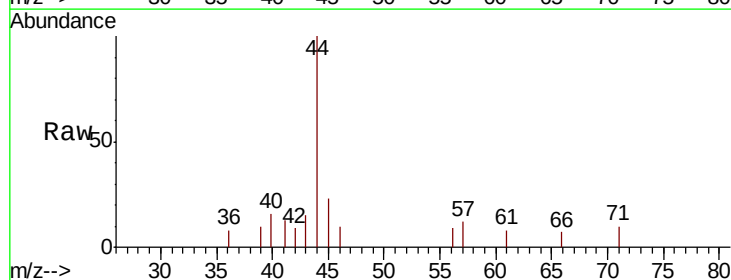
Acq: 15 Nov 2018 20:13

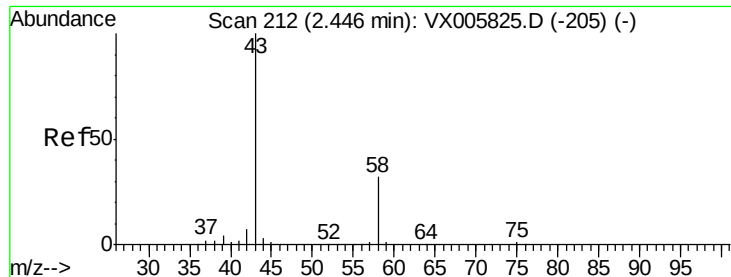
Tgt Ion: 56 Resp: 45

Ion Ratio Lower Upper

56 100

55 0.0 57.3 85.9#





#16

Acetone

Concen: 1.075 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.05 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

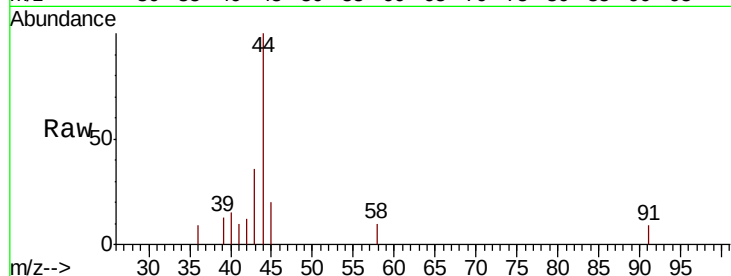
FDSB-06(21-23)

Tot Ion: 43 Resp: 979

Ion Ratio Lower Upper

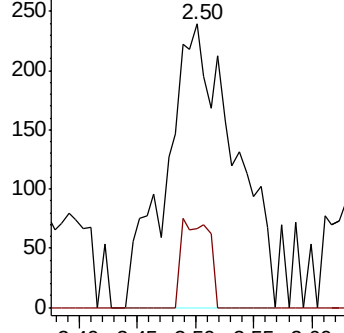
43 100

58 27.6 23.8 35.6

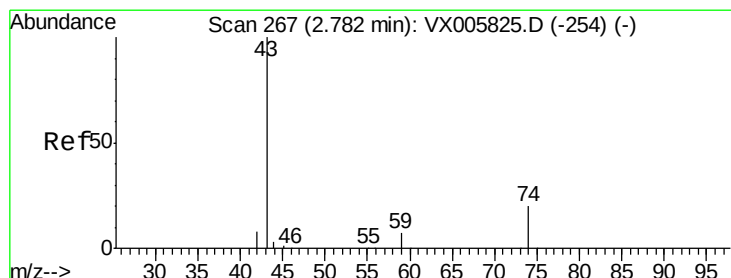
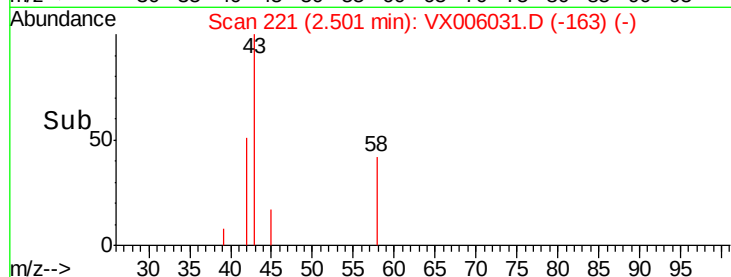


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#18

Methyl Acetate

Concen: 1.612 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.06 min

Lab File: VX006031.D

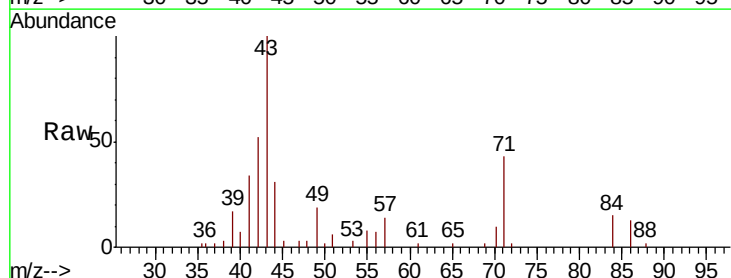
Acq: 15 Nov 2018 20:13

Tgt Ion: 43 Resp: 7437

Ion Ratio Lower Upper

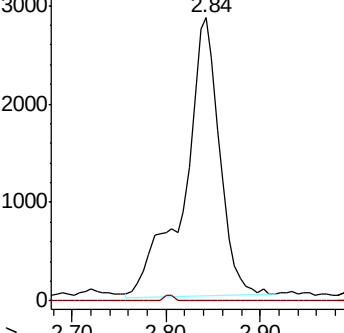
43 100

74 0.0 16.8 25.2#

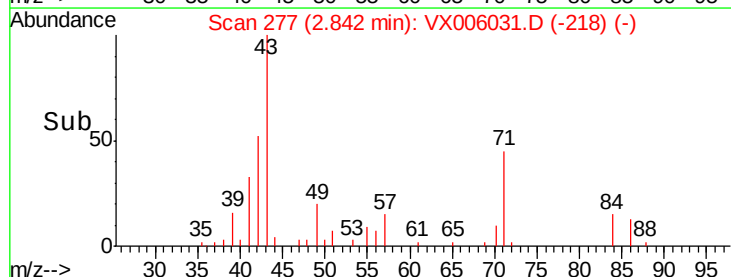


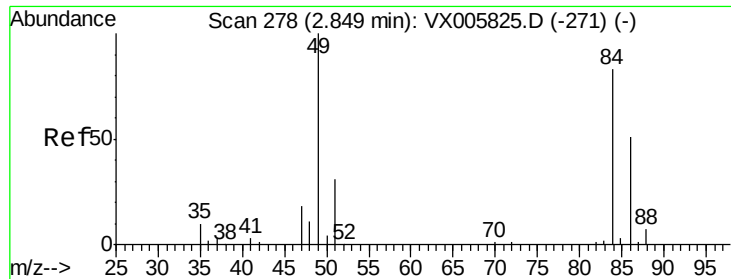
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

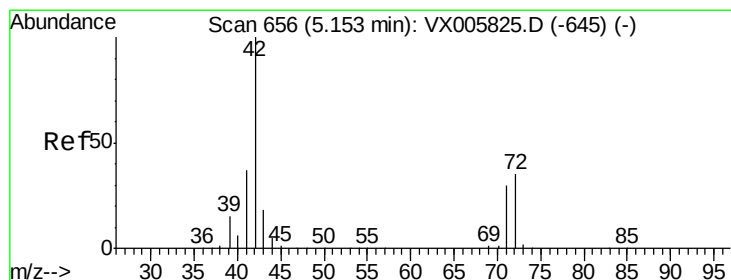
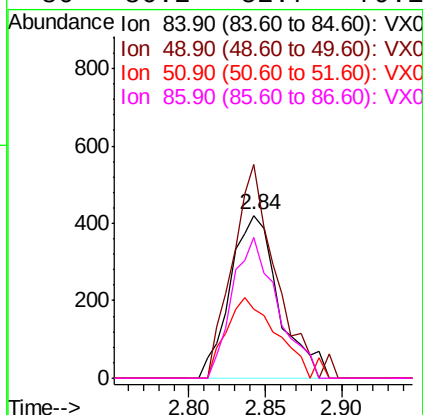
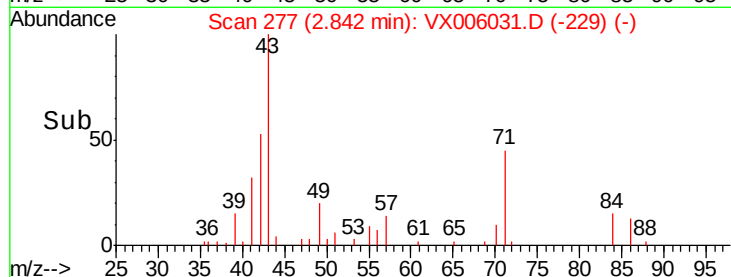
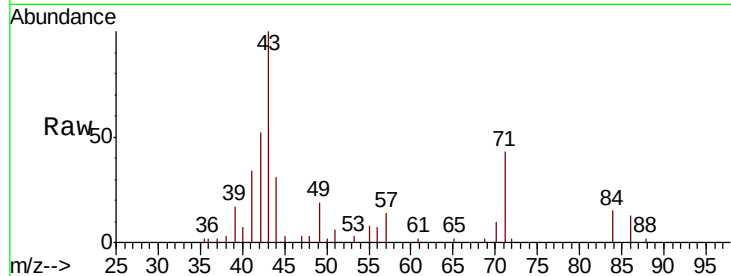




#20
Methylene Chloride
Concen: 0.622 ug/l
RT: 2.84 min Scan# 277
Delta R.T. -0.01 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

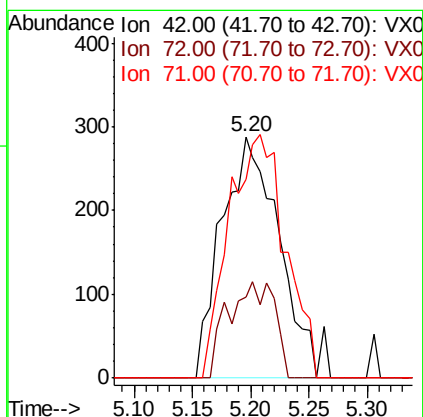
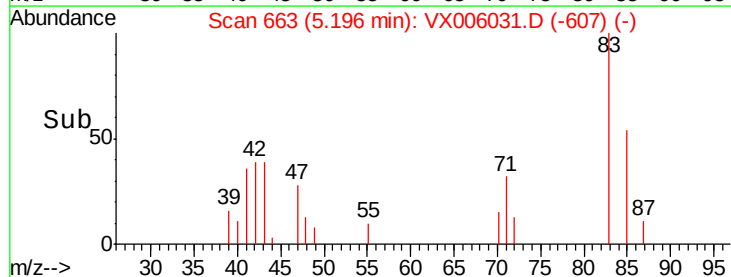
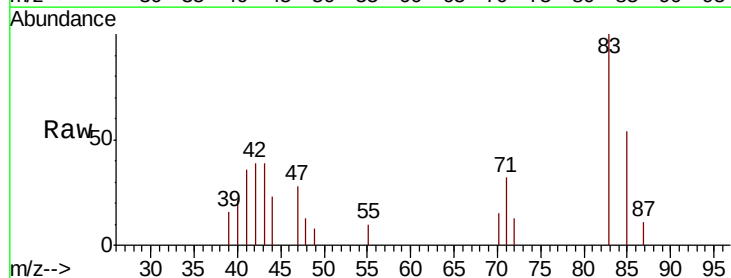
Instrument :
MSVOA_X
ClientSampleId :
FDSB-06(21-23)

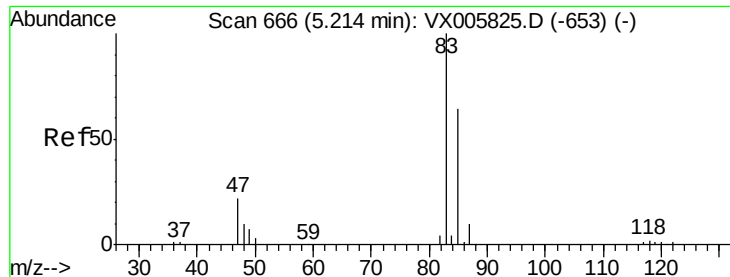
Tot Ion: 84 Resp: 931
Ion Ratio Lower Upper
84 100
49 131.4 109.5 164.3
51 42.6 33.3 49.9
86 86.2 52.7 79.1#



#29
Tetrahydrofuran
Concen: 1.085 ug/l
RT: 5.20 min Scan# 663
Delta R.T. 0.04 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 42 Resp: 997
Ion Ratio Lower Upper
42 100
72 31.7 32.0 48.0#
71 98.2 29.8 44.8#

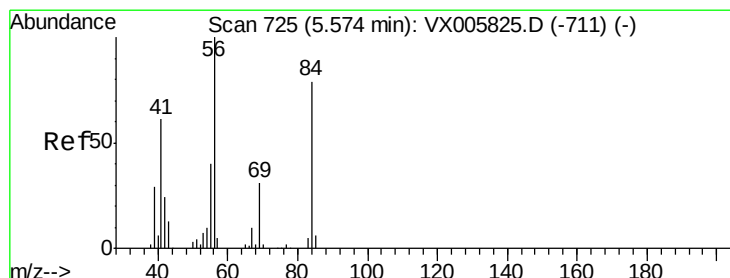
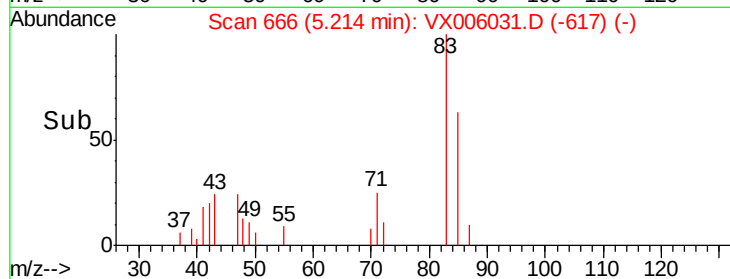
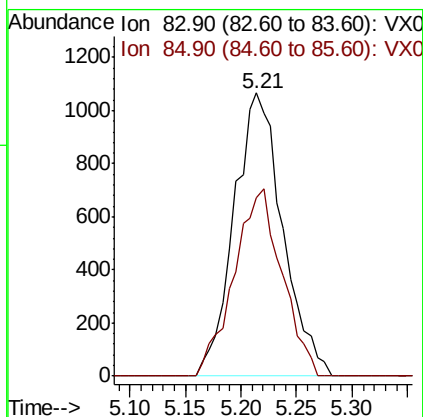
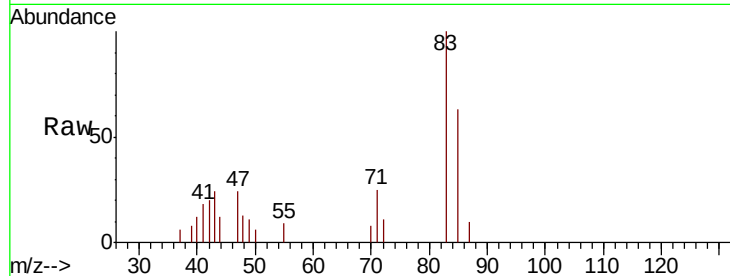




#30
Chloroform
Concen: 1.236 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

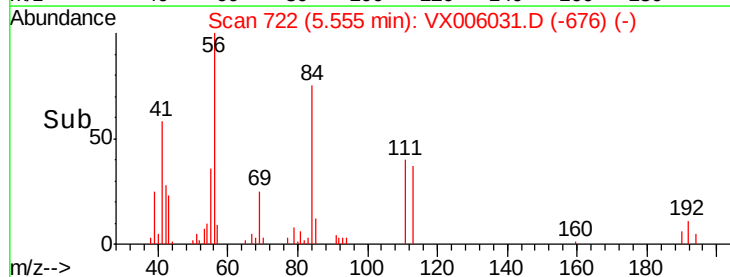
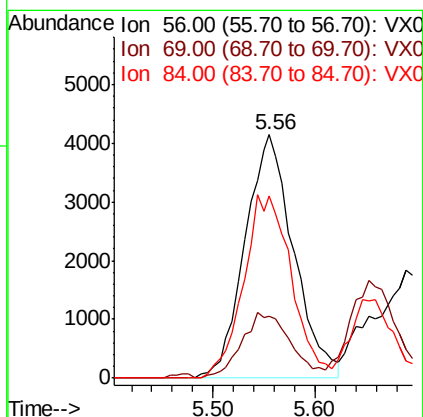
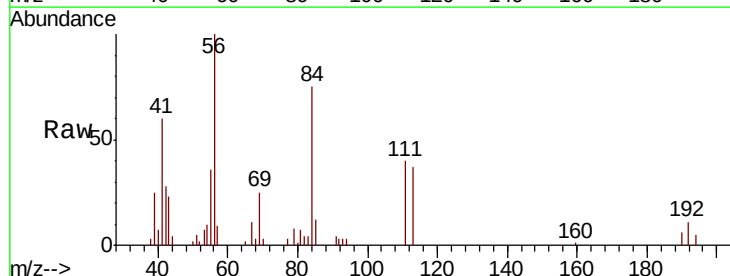
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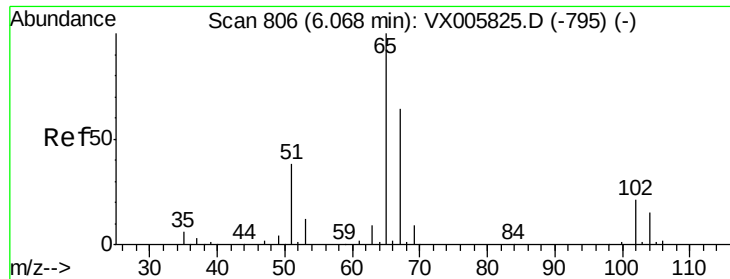
Tot Ion: 83 Resp: 3236
Ion Ratio Lower Upper
83 100
85 63.1 50.6 76.0



#31
Cyclohexane
Concen: 5.813 ug/l
RT: 5.56 min Scan# 722
Delta R.T. -0.02 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 56 Resp: 13696
Ion Ratio Lower Upper
56 100
69 23.7 22.6 34.0
84 74.8 62.7 94.1

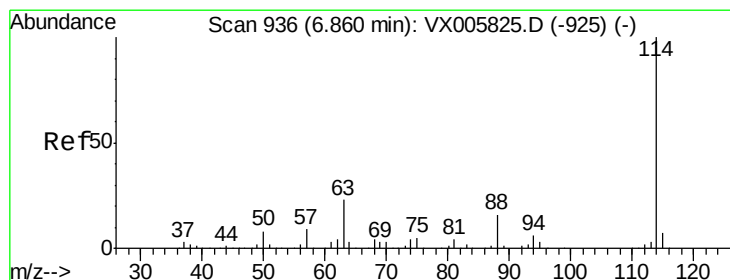
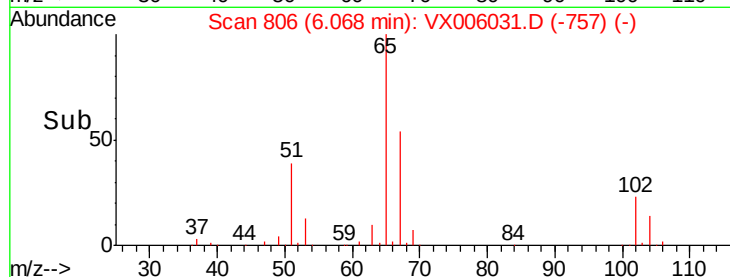
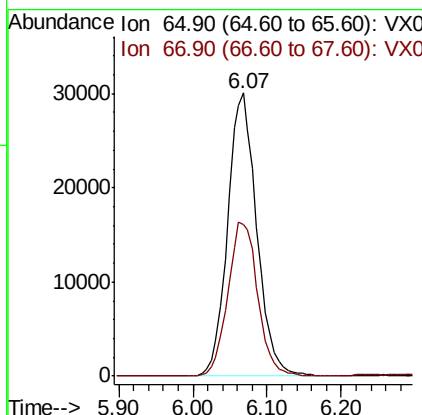
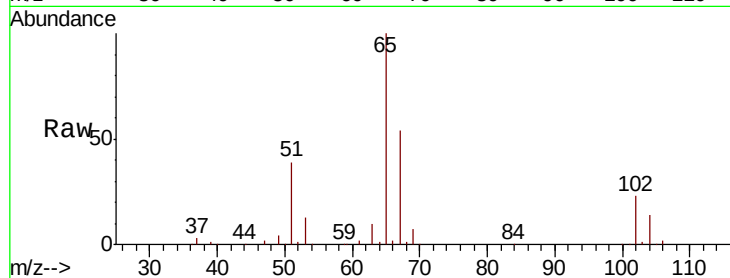




#33
 1,2-Dichloroethane-d4
 Concen: 48.495 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

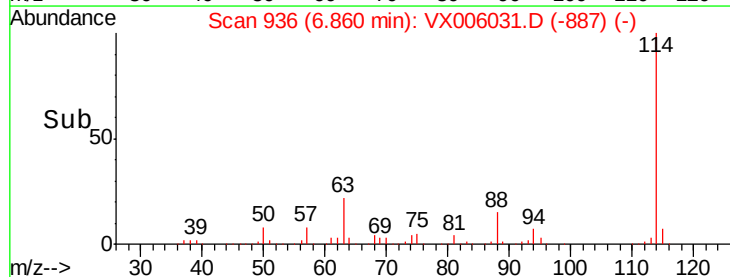
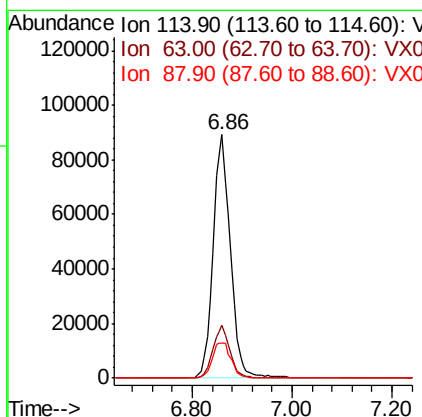
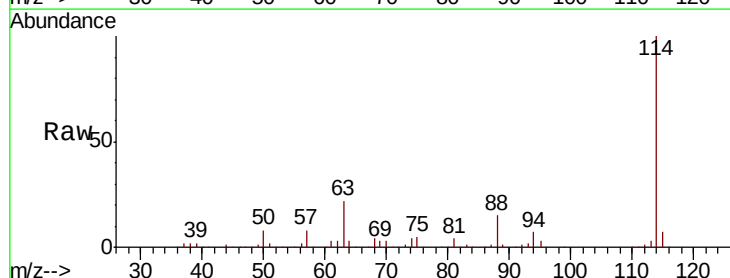
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

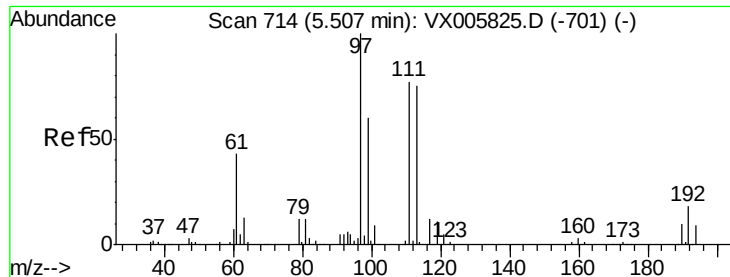
Tot Ion: 65 Resp: 82013
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 114 Resp: 215025
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.8
 88 14.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 44.402 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

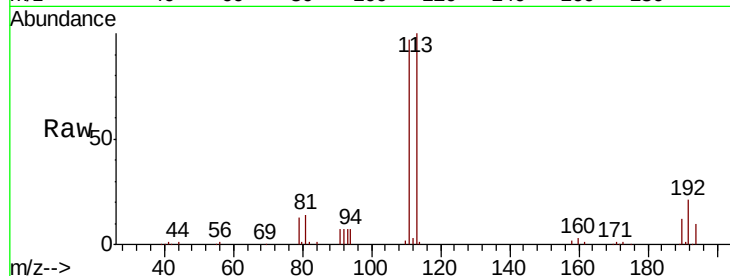
Tot Ion:113 Resp: 64938

Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

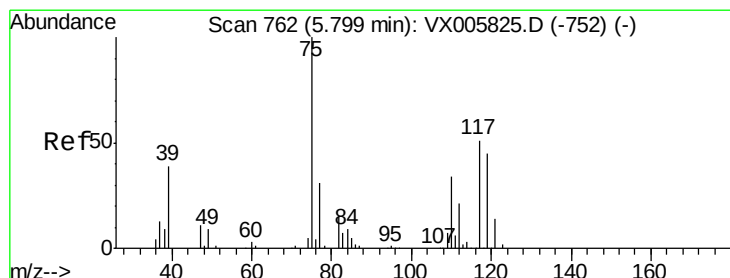
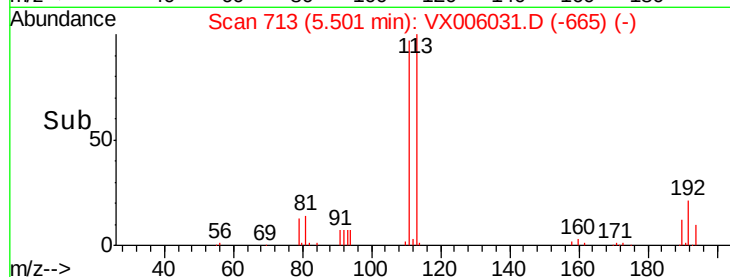
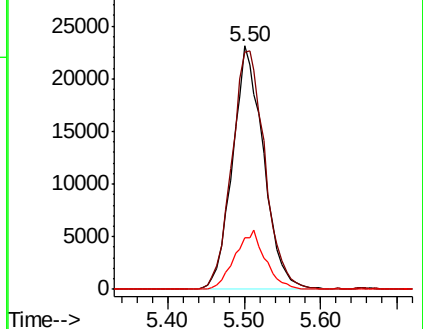
192 23.7 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.798 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.15 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

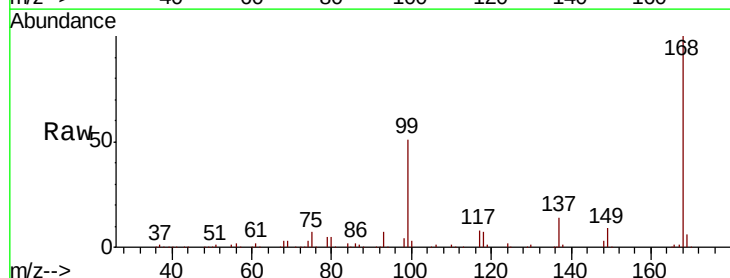
Tgt Ion: 75 Resp: 9945

Ion Ratio Lower Upper

75 100

110 8.5 17.4 52.2#

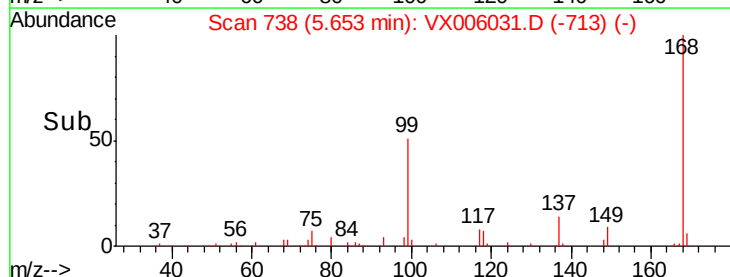
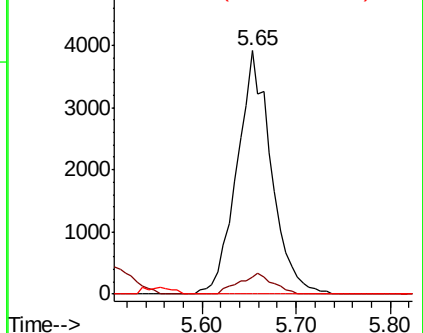
77 0.0 25.8 38.6#

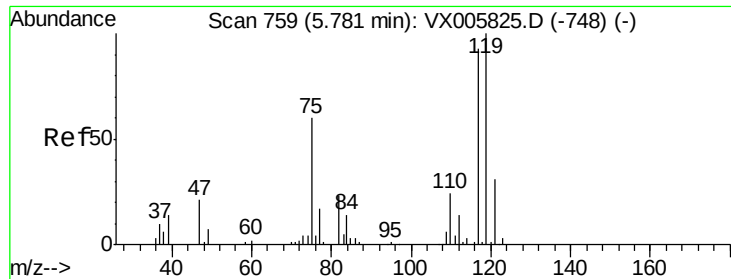


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.176 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

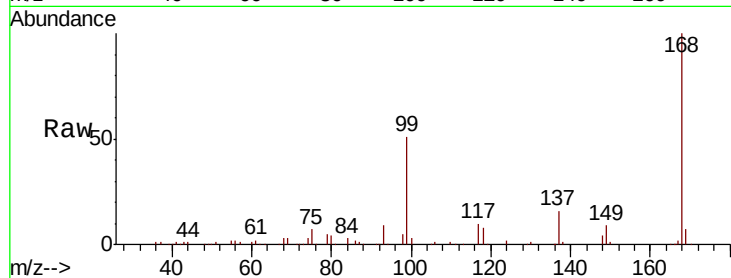
Tot Ion:117 Resp: 12816

Ion Ratio Lower Upper

117 100

119 4.3 78.1 117.1#

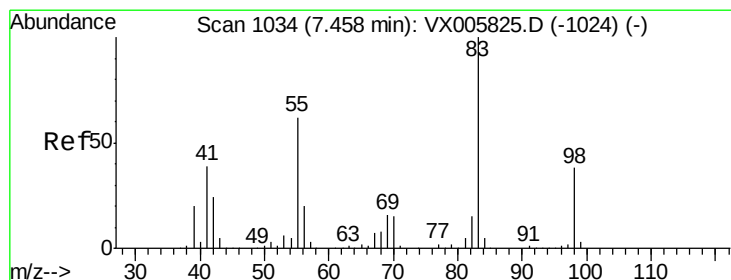
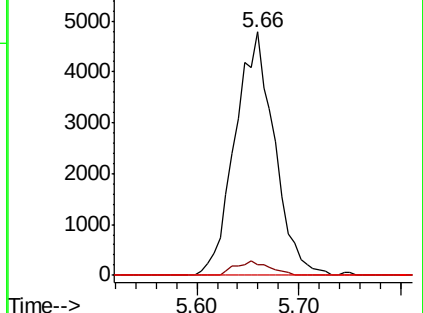
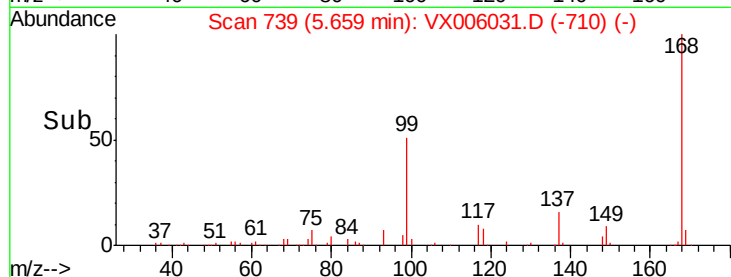
121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 31.422 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

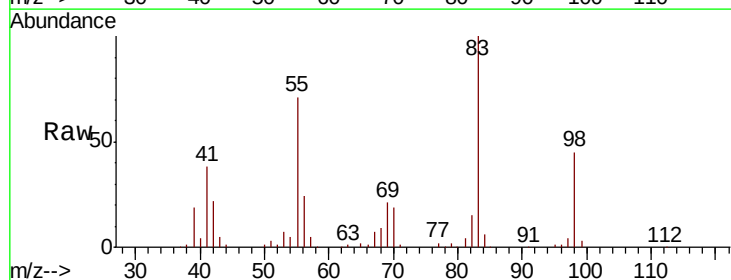
Tgt Ion: 83 Resp: 66015

Ion Ratio Lower Upper

83 100

55 70.7 63.7 95.5

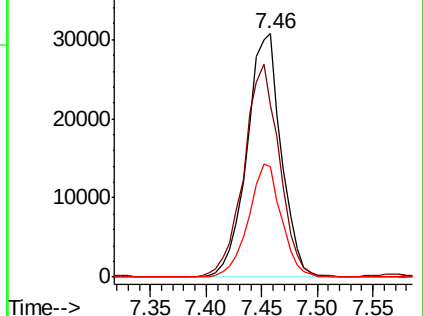
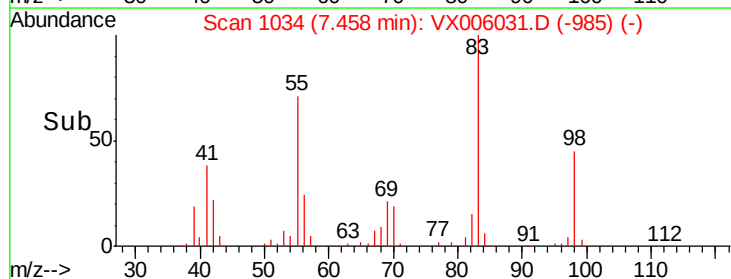
98 45.3 36.2 54.2

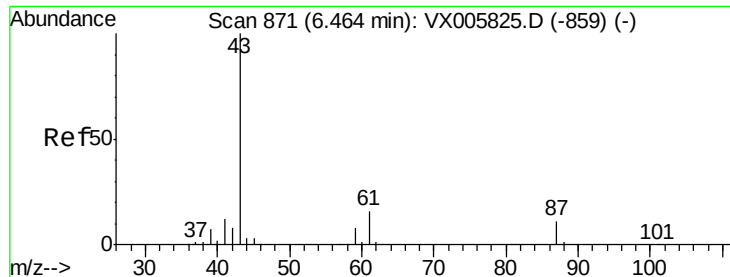


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#43

Isopropyl Acetate

Concen: 0.238 ug/l

RT: 6.49 min Scan# 876

Delta R.T. 0.03 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

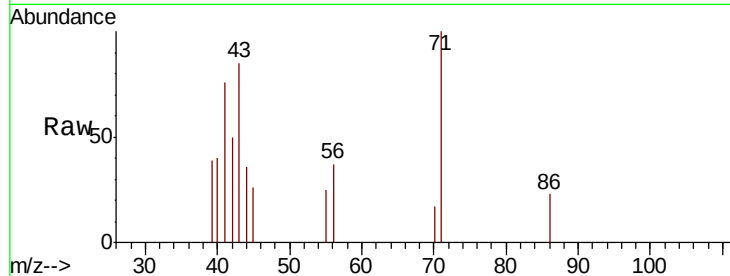
Tot Ion: 43 Resp: 941

Ion Ratio Lower Upper

43 100

61 0.0 14.6 22.0#

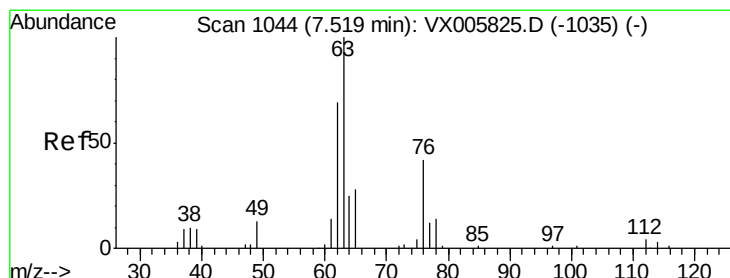
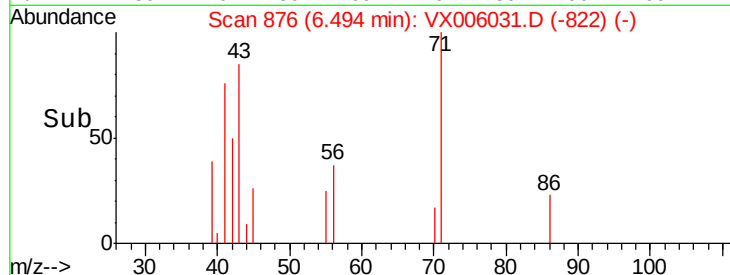
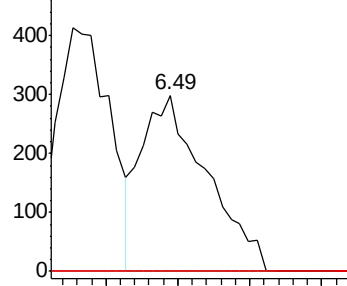
87 0.0 9.6 14.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#45

1,2-Dichloropropane

Concen: 0.448 ug/l

RT: 7.45 min Scan# 1033

Delta R.T. -0.07 min

Lab File: VX006031.D

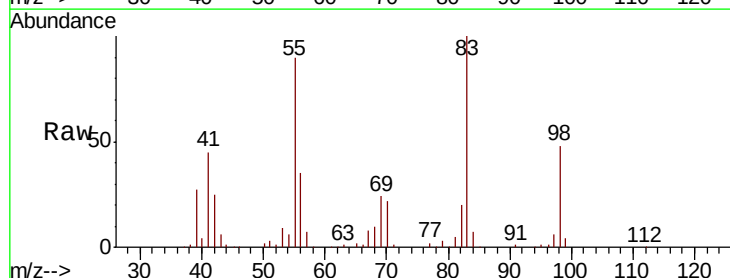
Acq: 15 Nov 2018 20:13

Tgt Ion: 63 Resp: 657

Ion Ratio Lower Upper

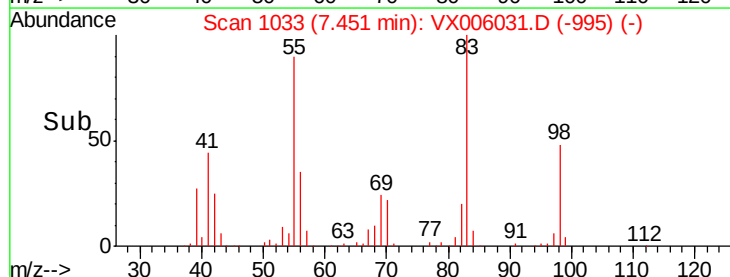
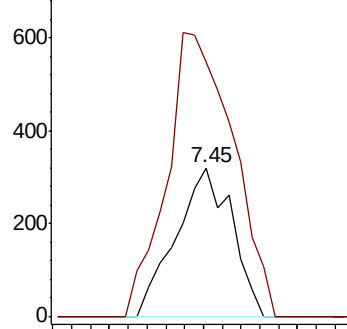
63 100

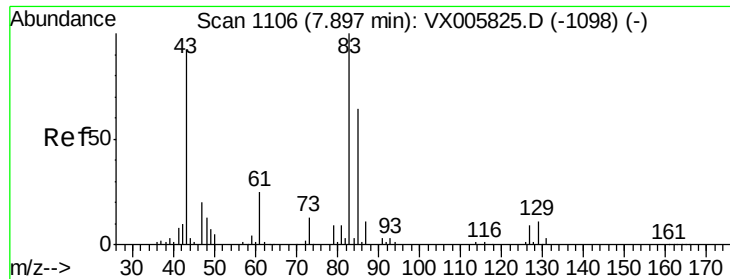
65 171.3 24.8 37.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#47

Bromodichloromethane

Concen: 0.250 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

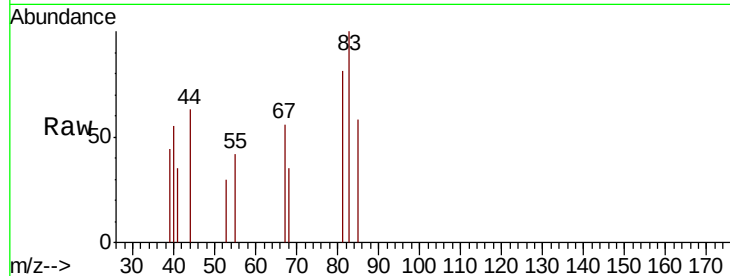
Tot Ion: 83 Resp: 435

Ion Ratio Lower Upper

83 100

85 57.5 50.2 75.4

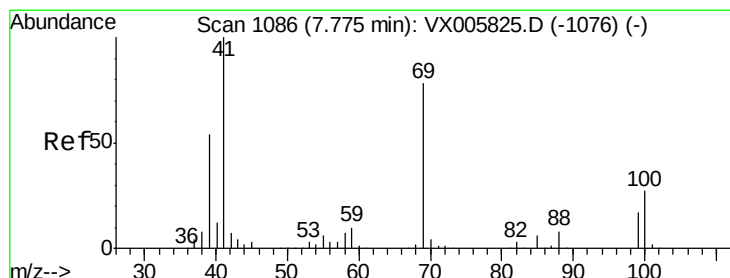
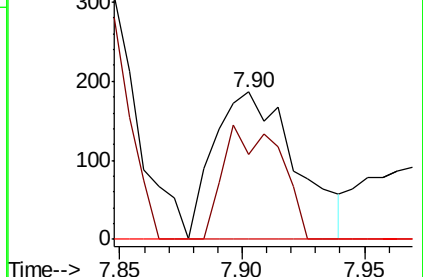
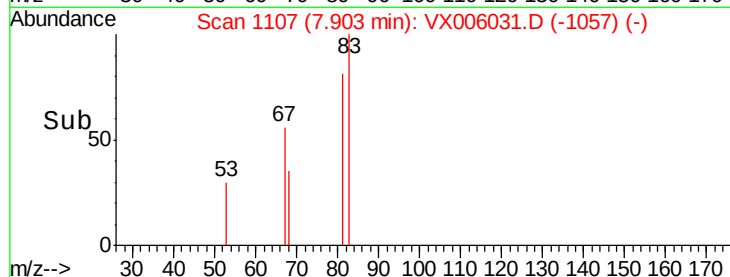
127 0.0 6.9 10.3#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 1.804 ug/l

RT: 7.73 min Scan# 1078

Delta R.T. -0.05 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

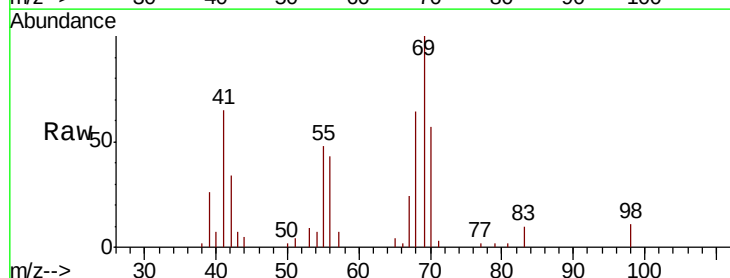
Tgt Ion: 41 Resp: 3200

Ion Ratio Lower Upper

41 100

69 153.4 63.2 94.8#

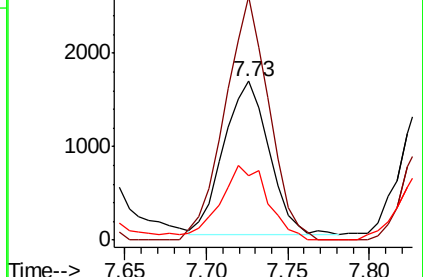
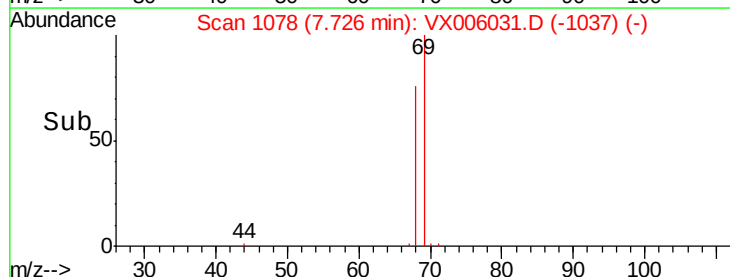
39 51.2 42.2 63.2

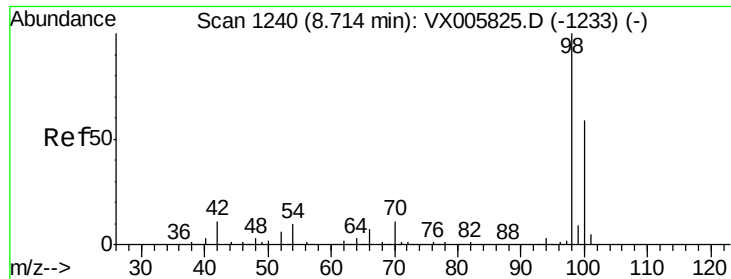


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#50

Toluene-d8

Concen: 49.761 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

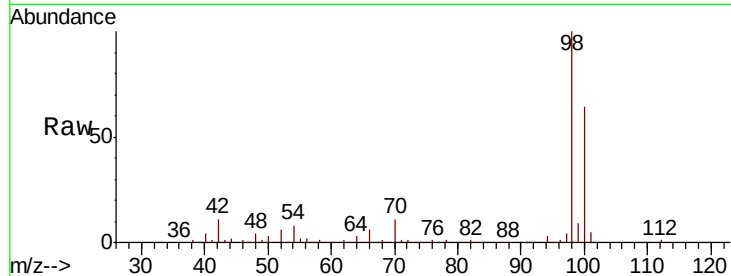
FDSB-06(21-23)

Tot Ion: 98 Resp: 241947

Ion Ratio Lower Upper

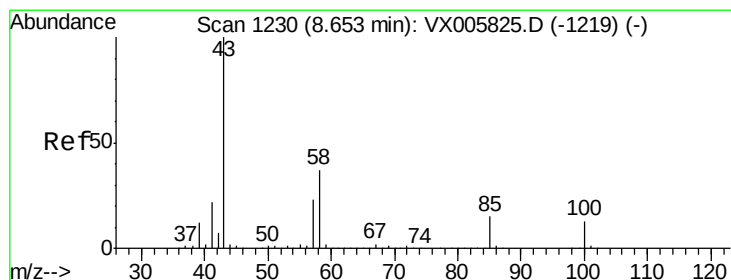
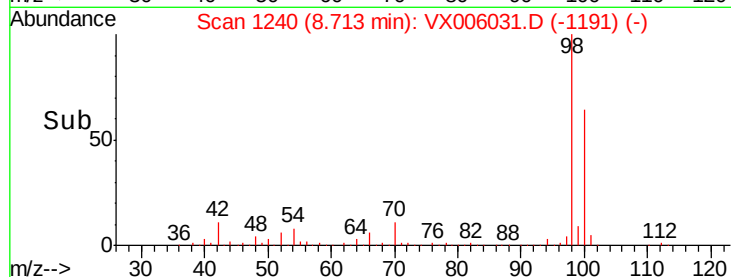
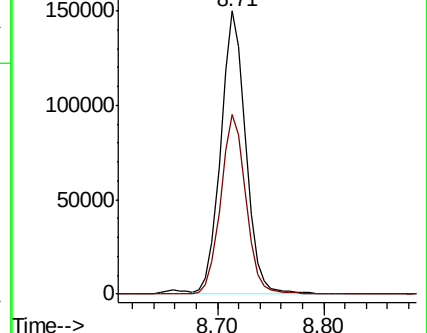
98 100

100 64.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 2.724 ug/l

RT: 8.66 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VX006031.D

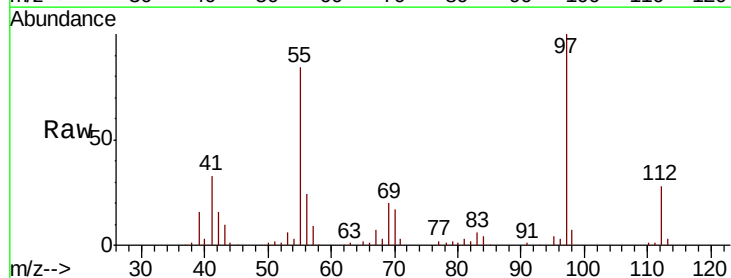
Acq: 15 Nov 2018 20:13

Tgt Ion: 43 Resp: 6780

Ion Ratio Lower Upper

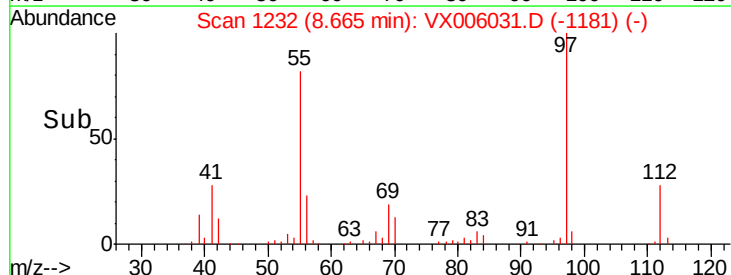
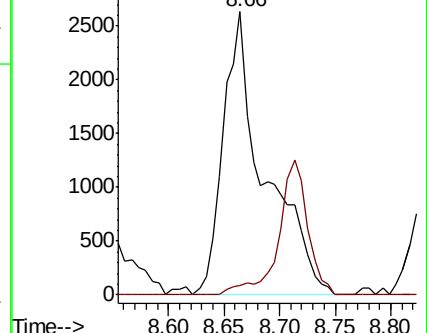
43 100

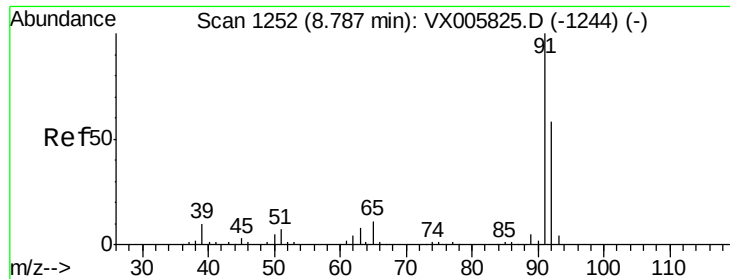
58 0.0 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.280 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

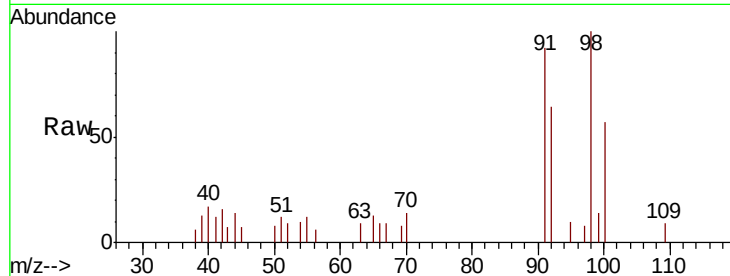
FDSB-06(21-23)

Tot Ion: 92 Resp: 945

Ion Ratio Lower Upper

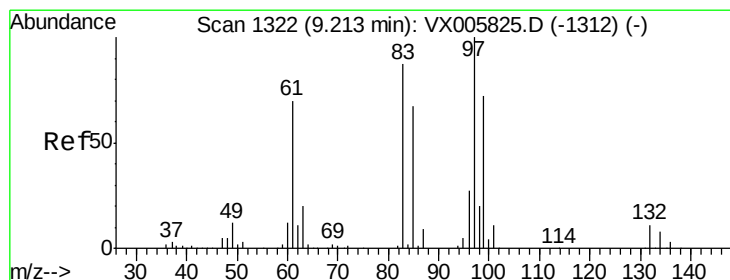
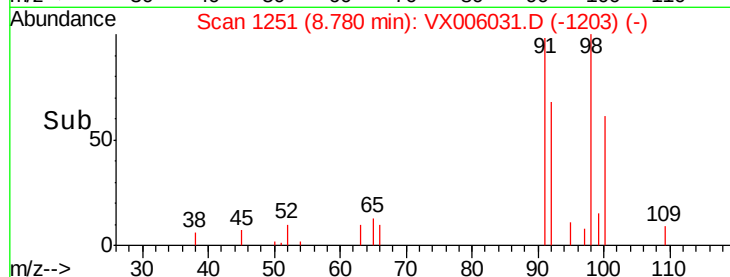
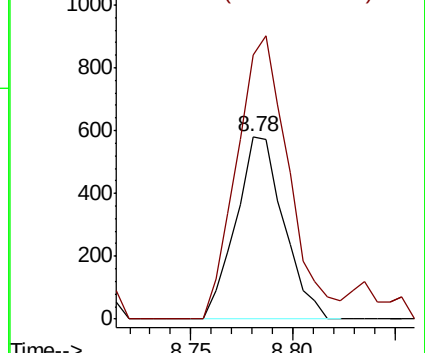
92 100

91 168.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#55

1,1,2-Trichloroethane

Concen: 10.490 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.06 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Tgt Ion: 97 Resp: 15790

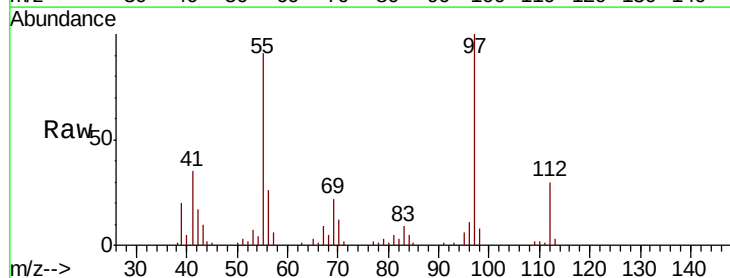
Ion Ratio Lower Upper

97 100

83 8.0 70.7 106.1#

85 0.6 45.8 68.6#

99 0.0 51.8 77.8#

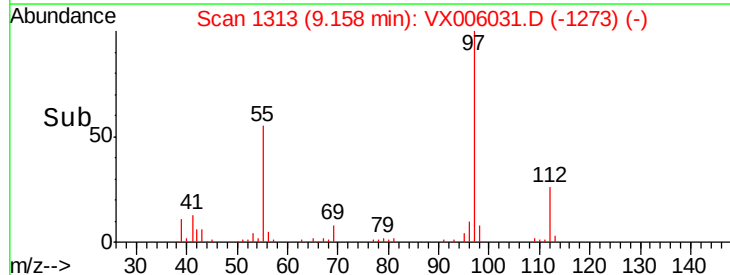
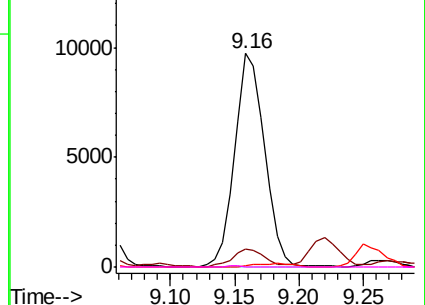


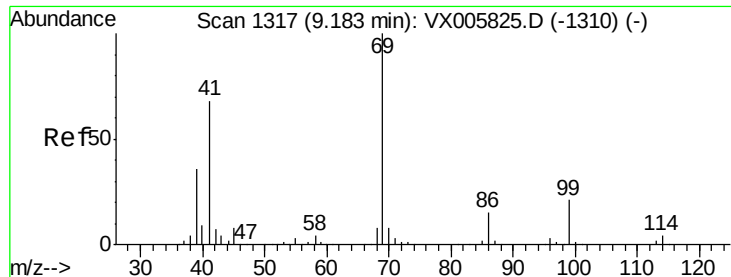
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#56

Ethyl methacrylate

Concen: 1.657 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.02 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

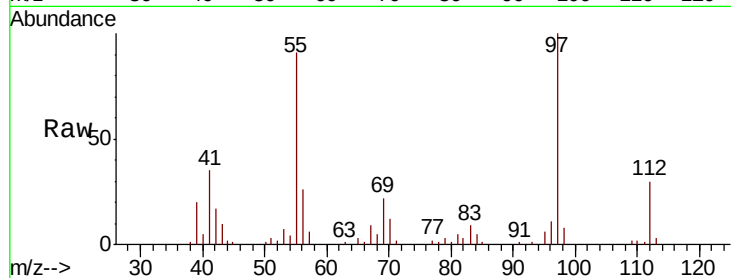
Tot Ion: 69.00 Resp: 3732

Ion Ratio Lower Upper

69 100

41 159.3 57.0 85.6#

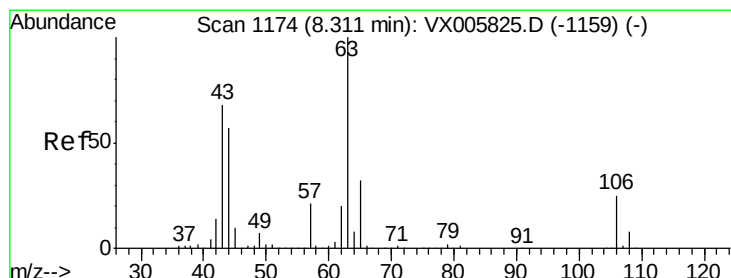
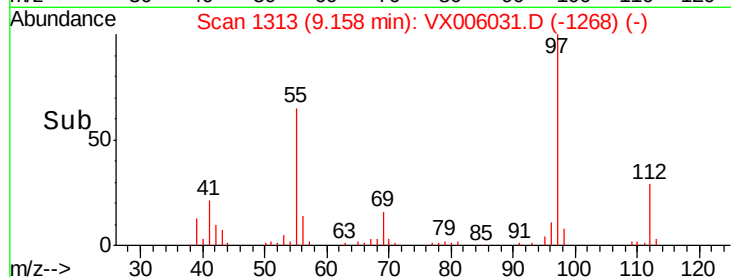
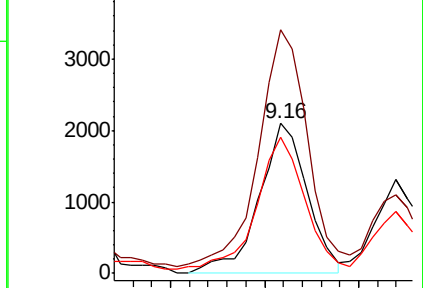
39 86.3 28.3 42.5#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 8.313 ug/l

RT: 8.38 min Scan# 1185

Delta R.T. 0.07 min

Lab File: VX006031.D

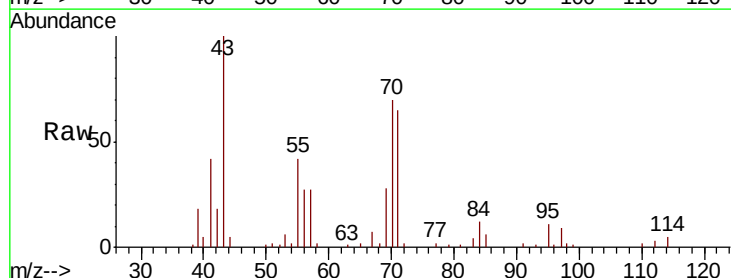
Acq: 15 Nov 2018 20:13

Tgt Ion: 63 Resp: 44

Ion Ratio Lower Upper

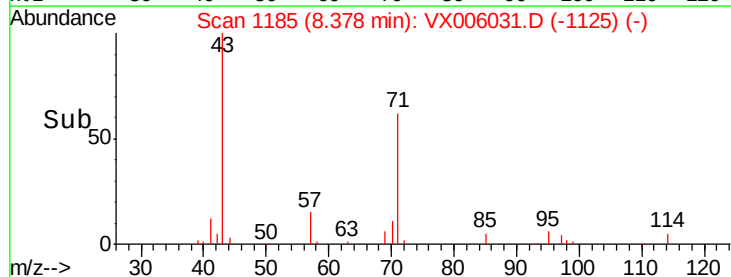
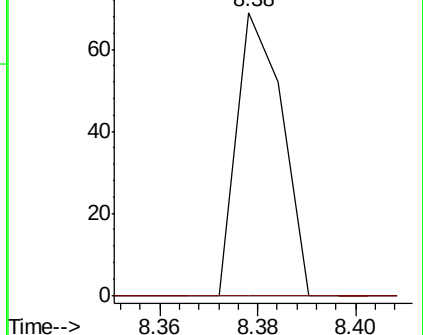
63 100

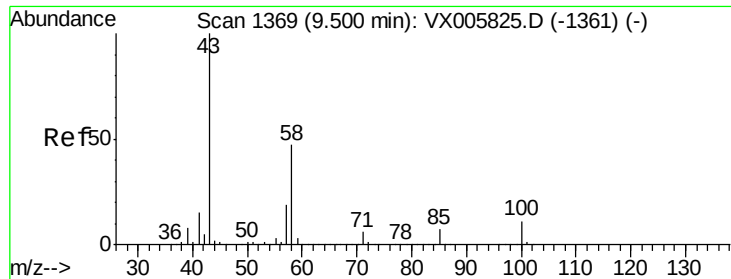
106 0.0 21.3 31.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

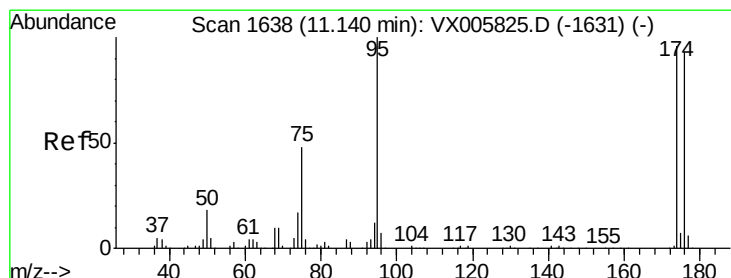
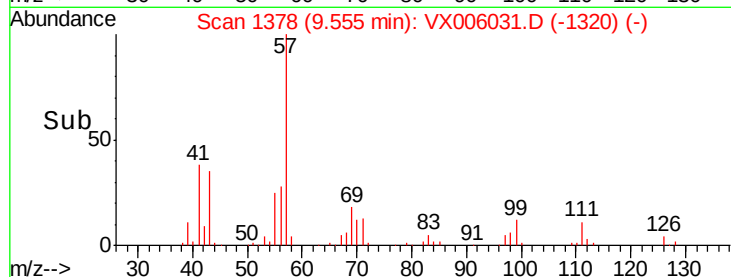
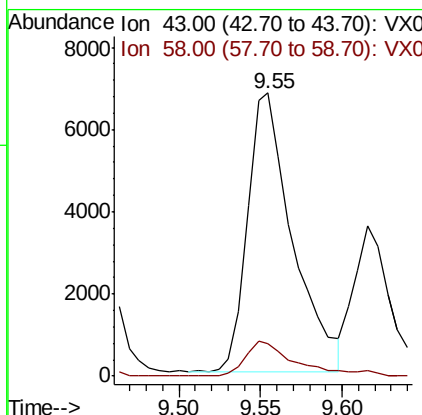
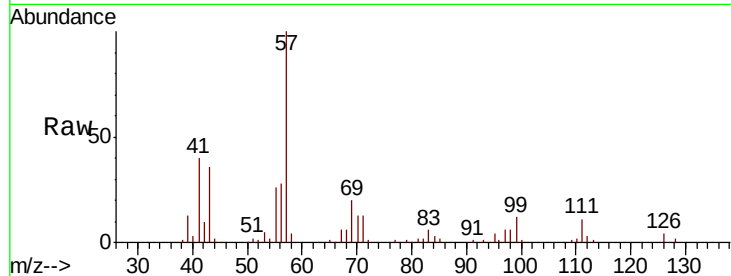




#59
2-Hexanone
Concen: 5.945 ug/l
RT: 9.55 min Scan# 1378
Delta R.T. 0.05 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

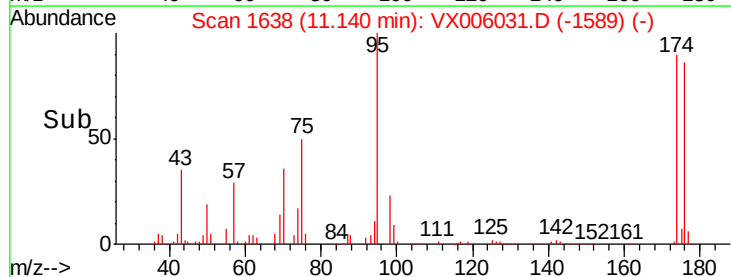
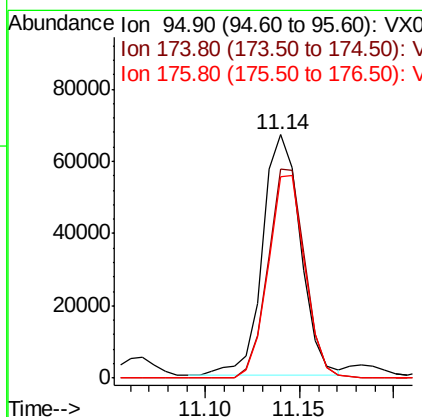
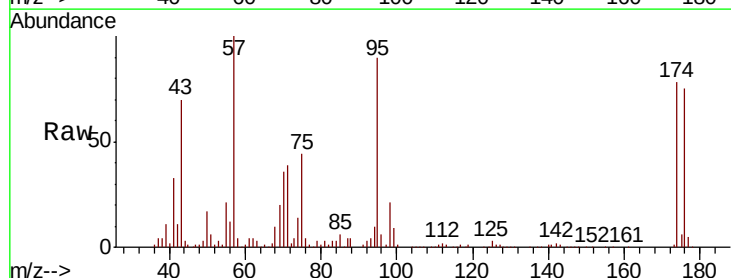
Instrument :
MSVOA_X
ClientSampleId :
FDSB-06(21-23)

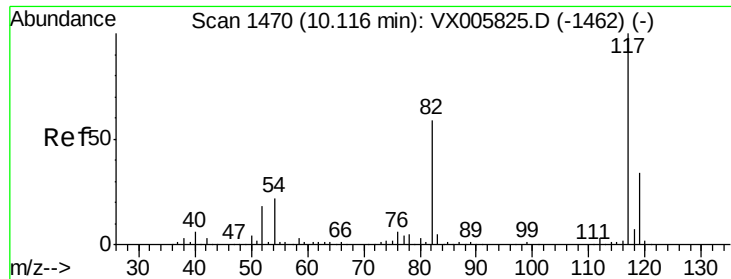
Tot Ion: 43 Resp: 13044
Ion Ratio Lower Upper
43 100
58 14.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 53.616 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 95 Resp: 93727
Ion Ratio Lower Upper
95 100
174 84.5 0.0 184.4
176 81.4 0.0 177.4

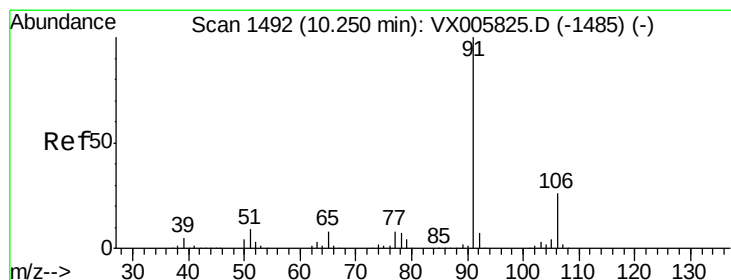
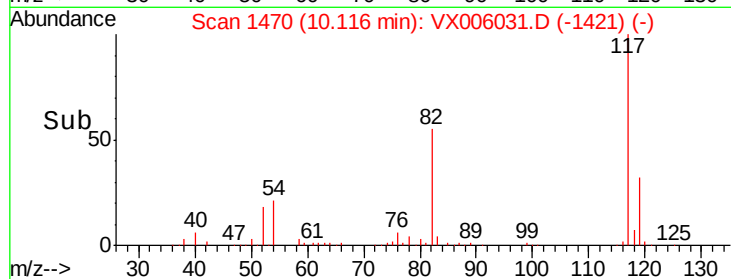
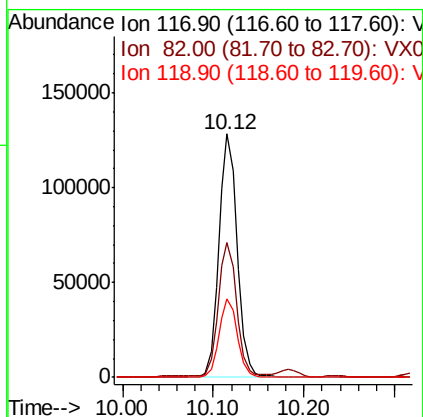
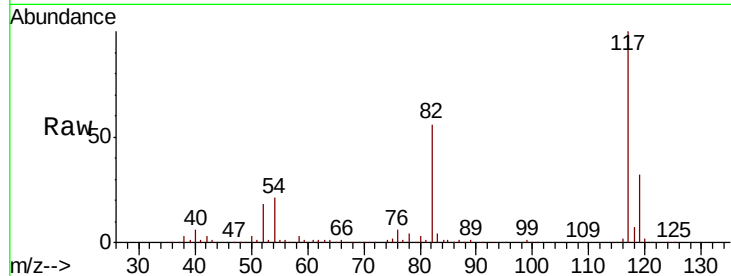




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

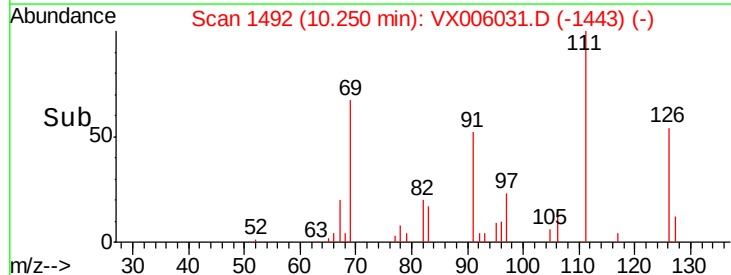
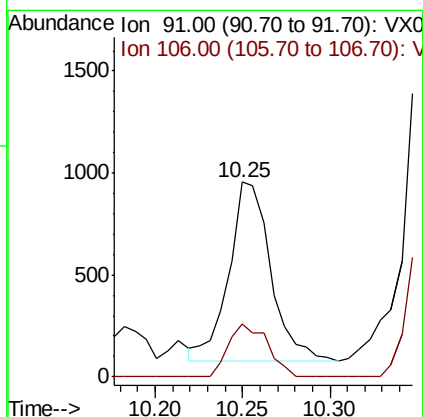
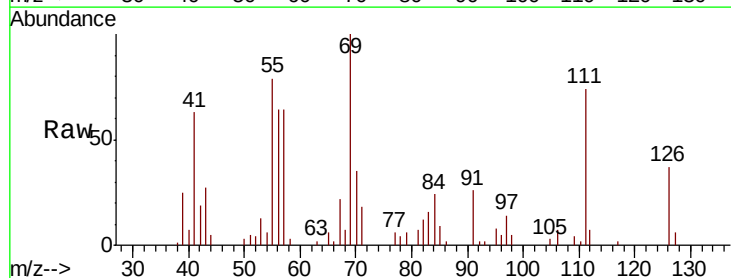
Instrument :
MSVOA_X
ClientSampleId :
FDSB-06(21-23)

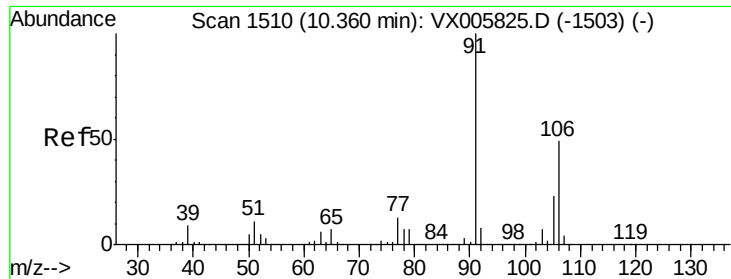
Tot Ion:117 Resp: 180652
Ion Ratio Lower Upper
117 100
82 54.9 44.1 66.1
119 32.5 26.2 39.2



#67
Ethyl Benzene
Concen: 0.255 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion: 91 Resp: 1478
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6

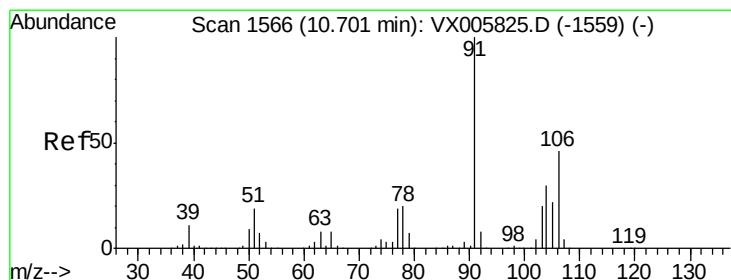
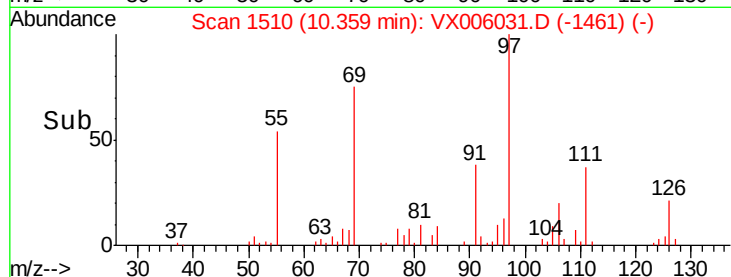
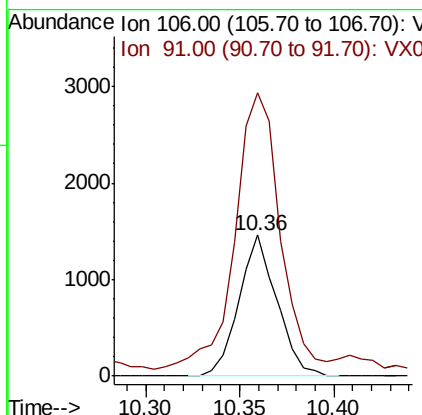
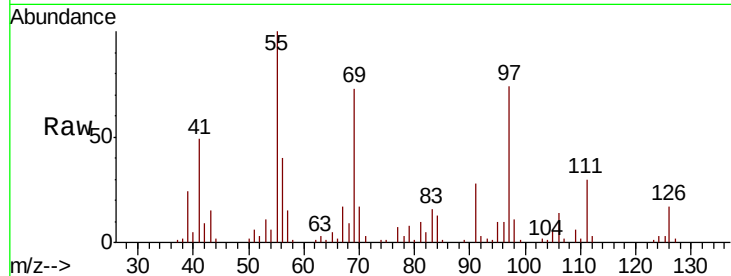




#68
m/p-Xylenes
Concen: 0.915 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

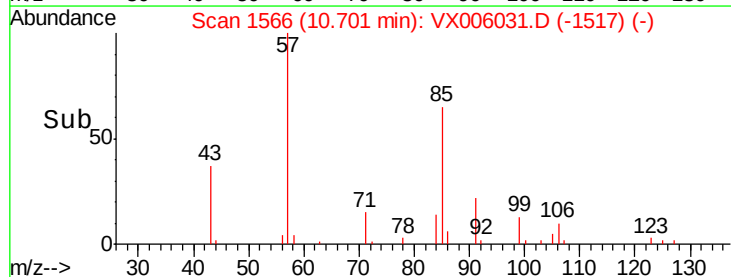
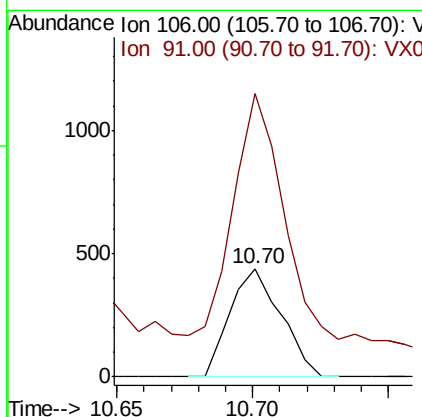
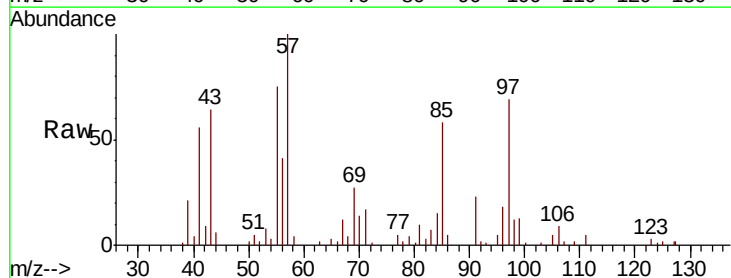
Instrument :
MSVOA_X
ClientSampleId :
FDSB-06(21-23)

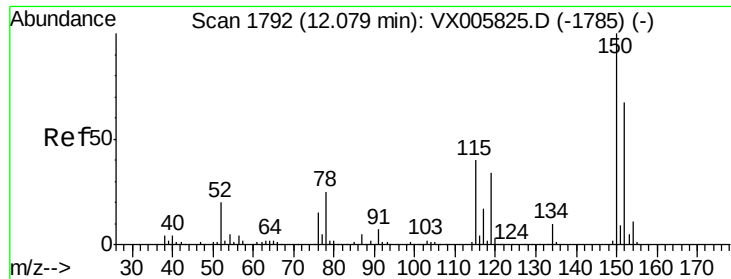
Tot Ion:106 Resp: 2025
Ion Ratio Lower Upper
106 100
91 245.4 164.2 246.4



#69
o-Xylene
Concen: 0.286 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006031.D
Acq: 15 Nov 2018 20:13

Tgt Ion:106 Resp: 568
Ion Ratio Lower Upper
106 100
91 292.8 108.5 325.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

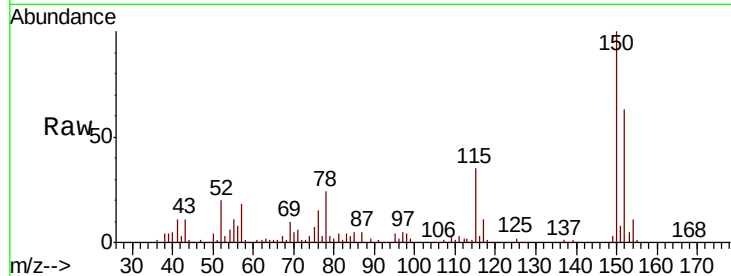
Tot Ion:152 Resp: 120488

Ion Ratio Lower Upper

152 100

115 55.3 39.4 118.1

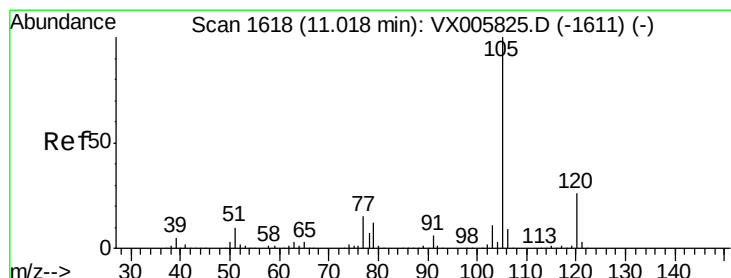
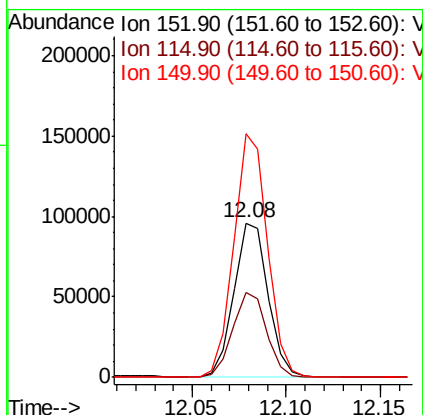
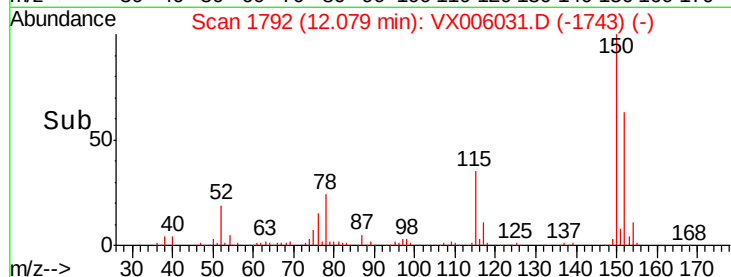
150 156.1 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.245 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006031.D

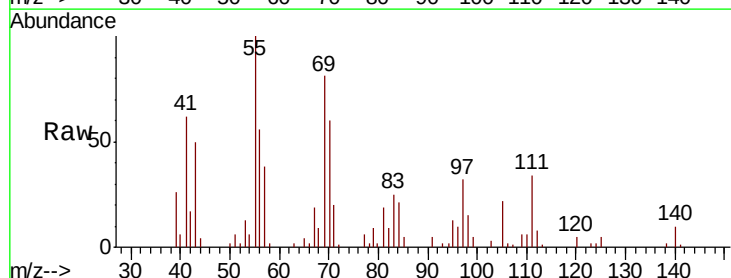
Acq: 15 Nov 2018 20:13

Tgt Ion:105 Resp: 1707

Ion Ratio Lower Upper

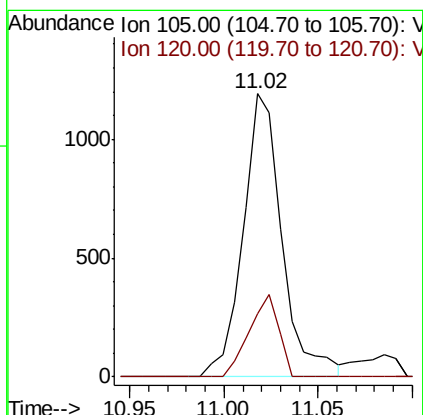
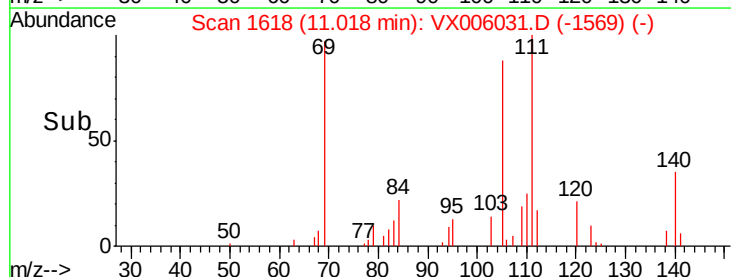
105 100

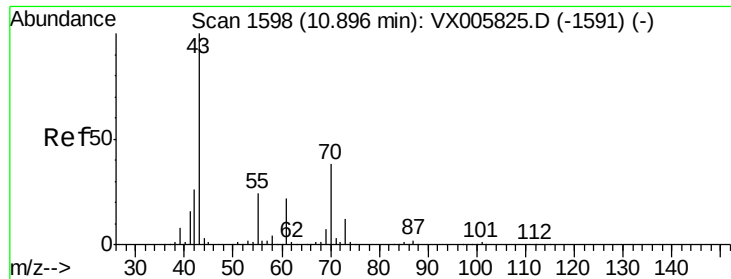
120 22.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 9.325 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

Tot Ion: 43 Resp: 32377

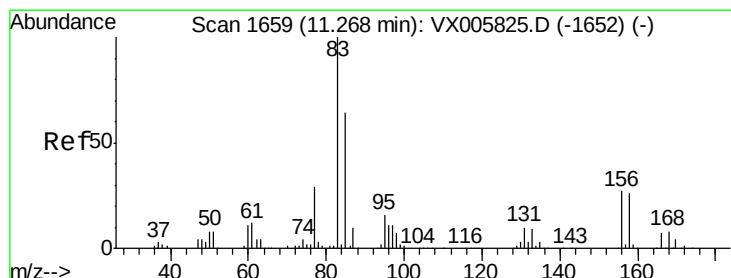
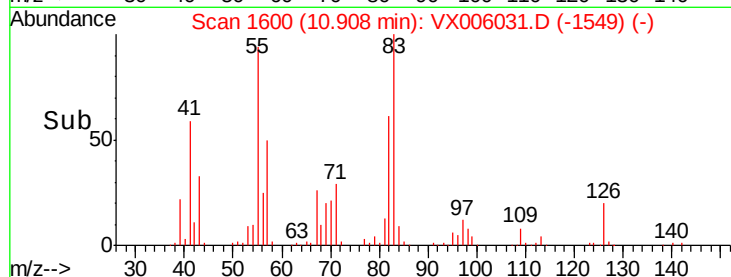
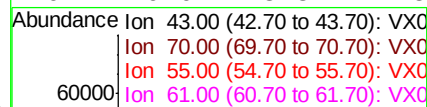
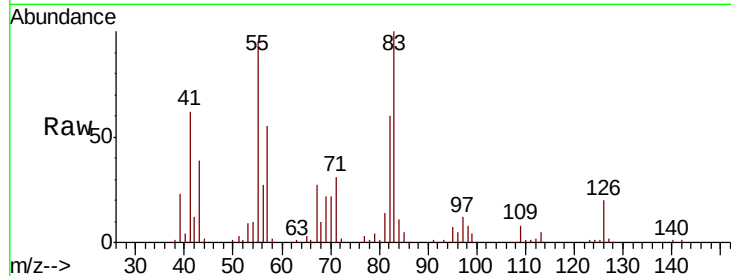
Ion Ratio Lower Upper

43 100

70 72.0 31.6 47.4#

55 197.5 19.7 29.5#

61 0.0 18.3 27.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 7.004 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

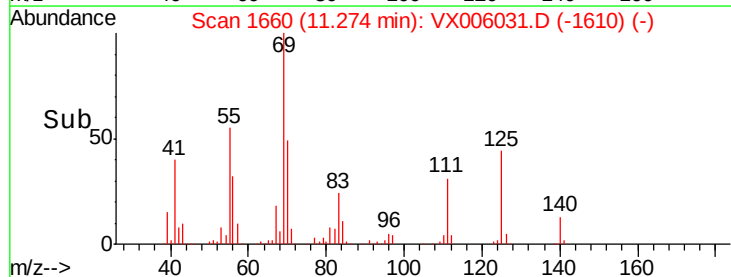
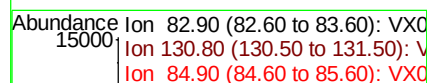
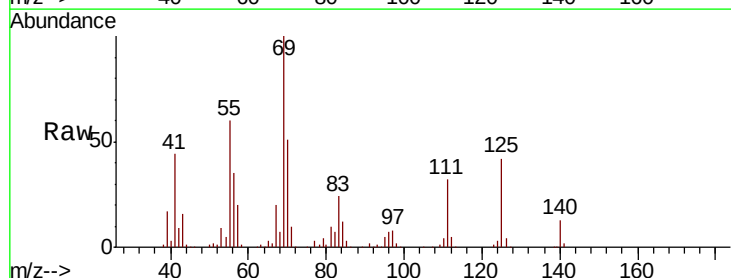
Tgt Ion: 83 Resp: 17912

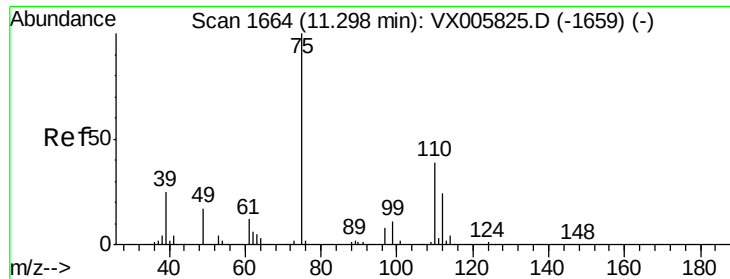
Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.9#

85 0.0 32.0 96.2#

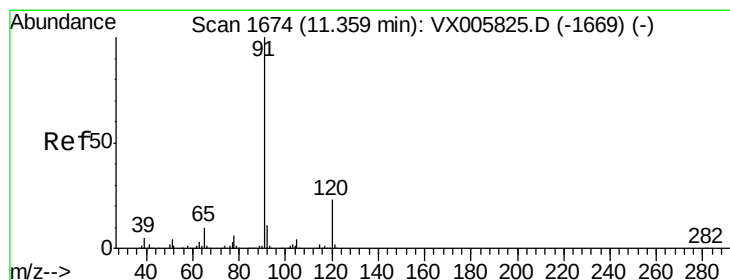
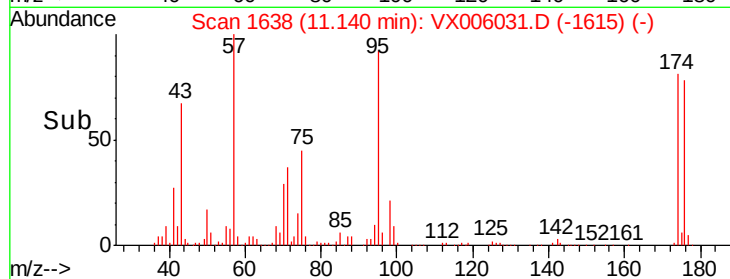
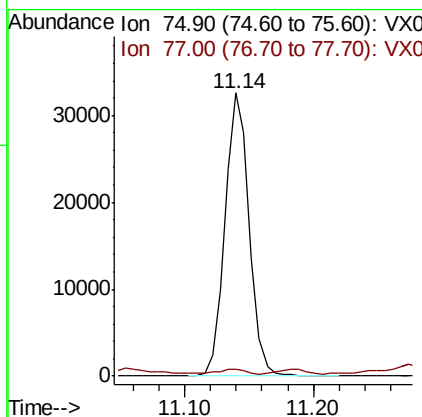
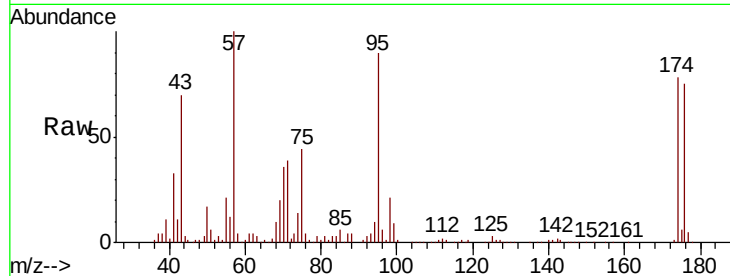




#76
 1,2,3-Trichloropropane
 Concen: 17.473 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.16 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

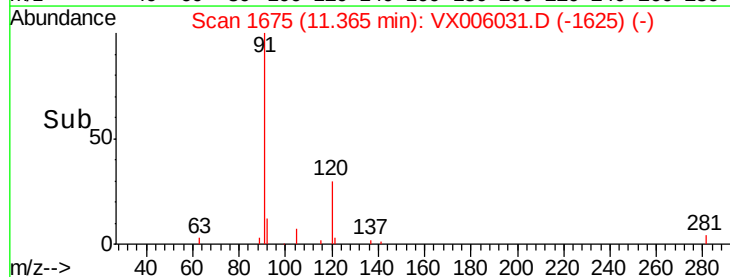
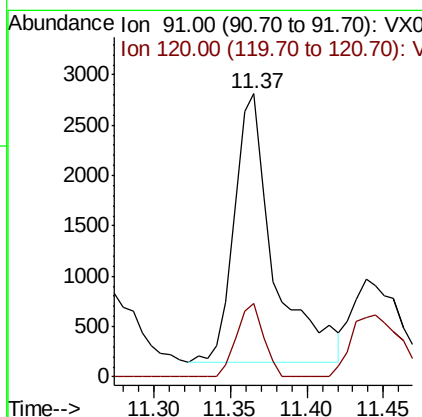
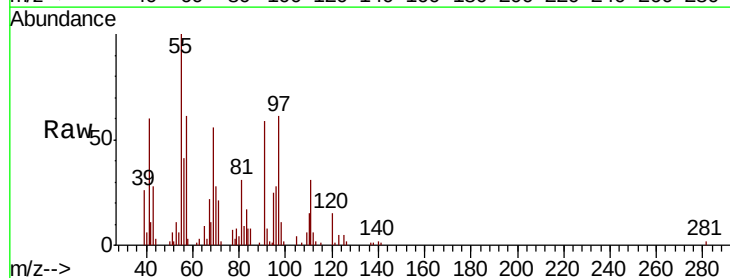
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

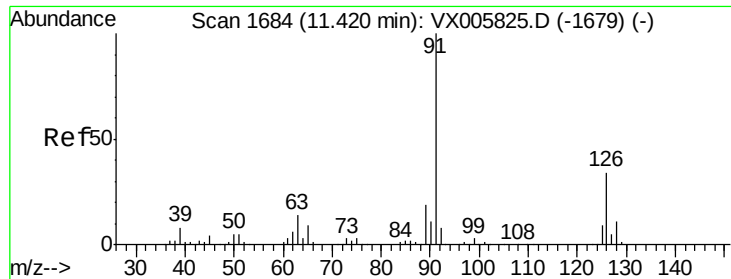
Tot Ion: 75 Resp: 42868
 Ion Ratio Lower Upper
 75 100
 77 2.1 20.5 61.6#



#78
 n-propylbenzene
 Concen: 0.581 ug/l
 RT: 11.37 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 91 Resp: 4767
 Ion Ratio Lower Upper
 91 100
 120 18.7 11.9 35.5

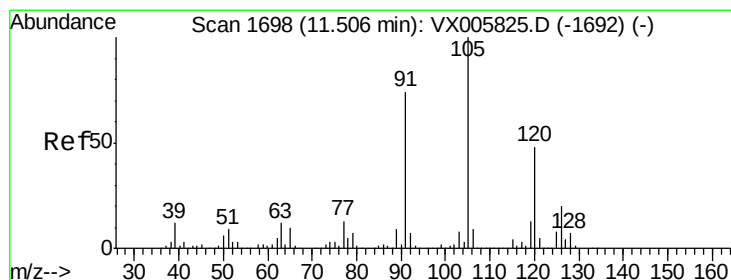
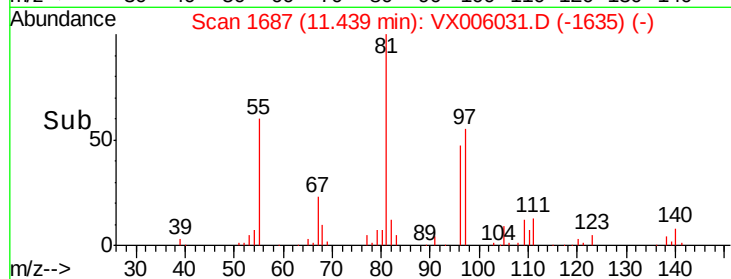
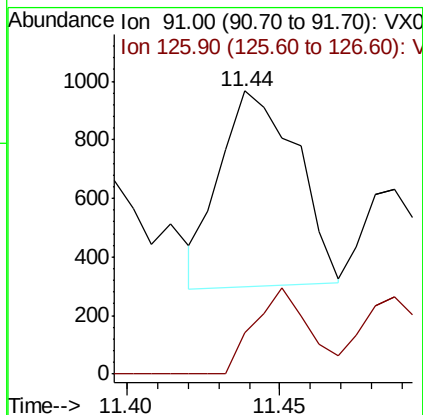
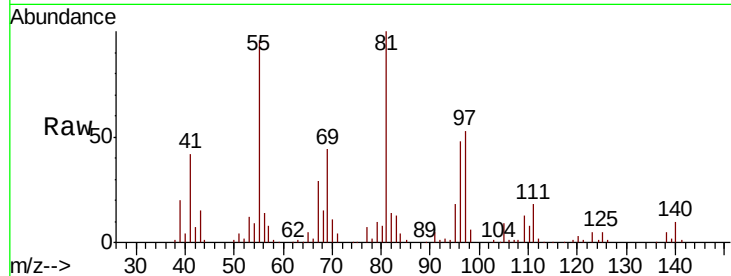




#79
 2-Chlorotoluene
 Concen: 0.234 ug/l
 RT: 11.44 min Scan# 1687
 Delta R.T. 0.02 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

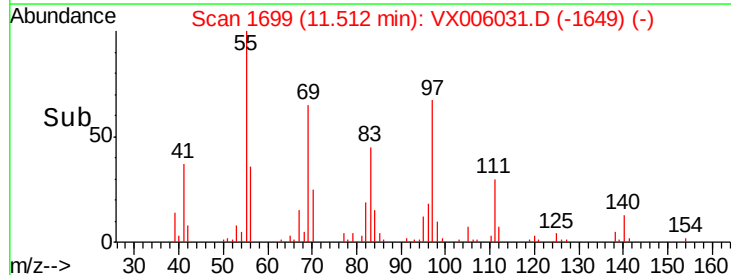
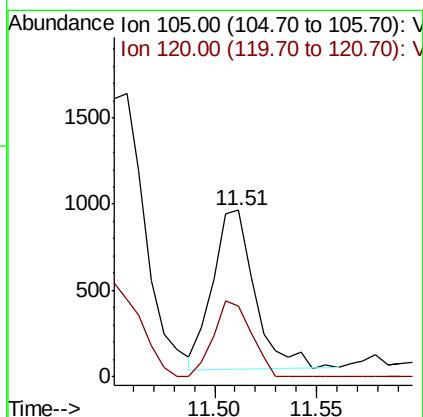
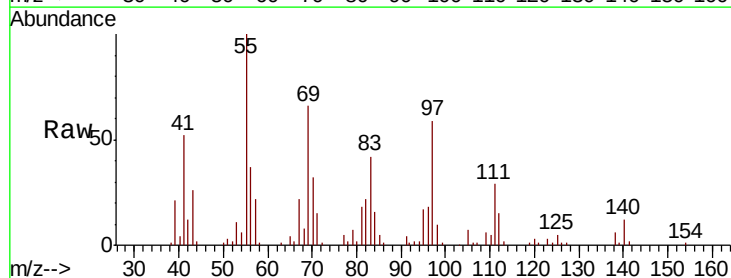
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

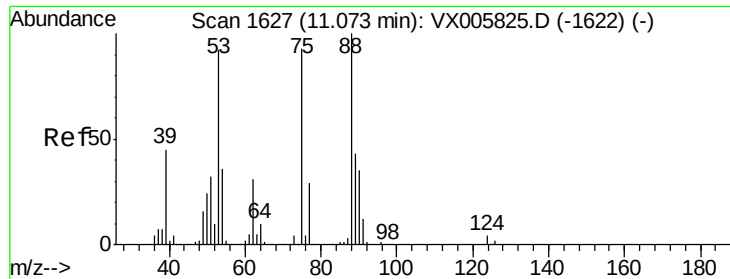
Tot Ion: 91 Resp: 1162
 Ion Ratio Lower Upper
 91 100
 126 31.8 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.221 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. 0.01 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 105 Resp: 1308
 Ion Ratio Lower Upper
 105 100
 120 43.6 24.1 72.2

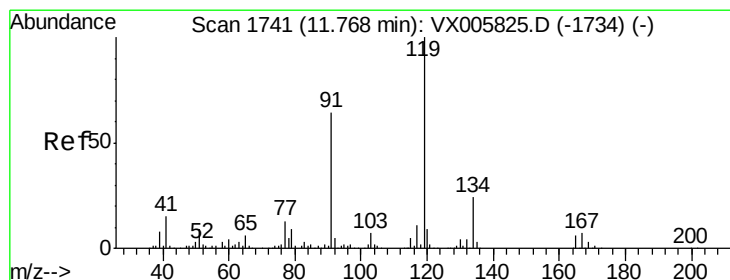
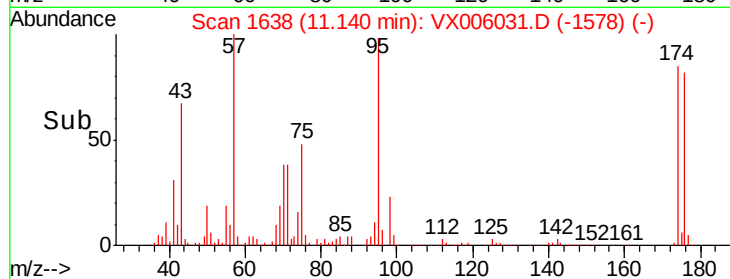
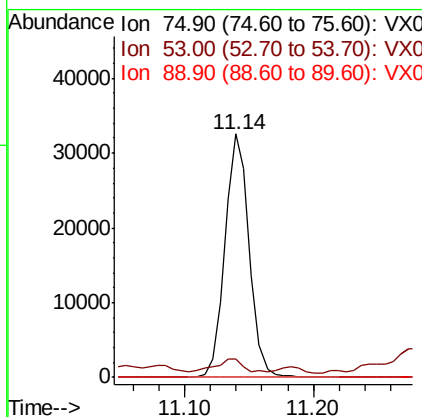
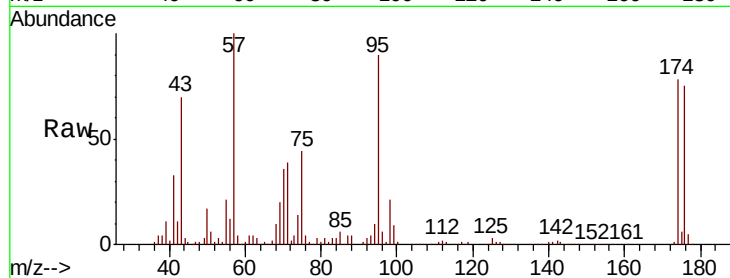




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.689 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.07 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

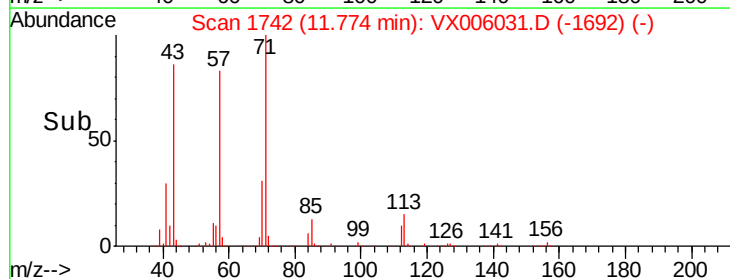
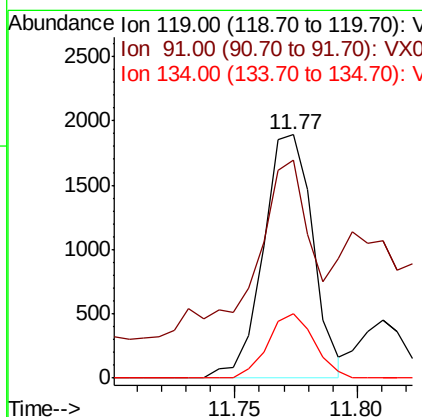
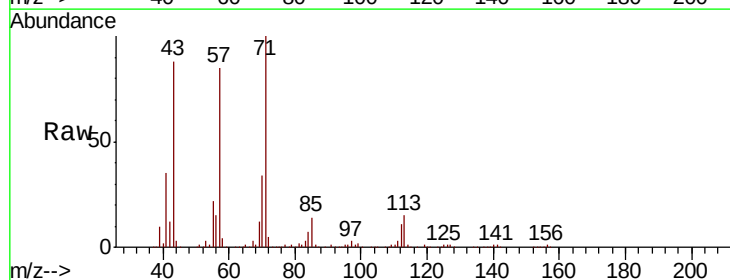
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

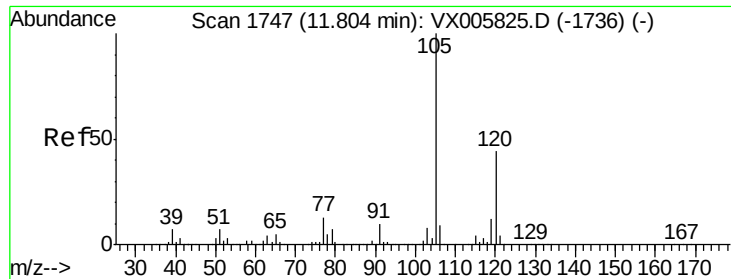
Tot Ion: 75 Resp: 42868
 Ion Ratio Lower Upper
 75 100
 53 5.9 80.2 120.2#
 89 0.0 39.8 59.8#



#83
 tert-Butylbenzene
 Concen: 0.449 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 119 Resp: 2692
 Ion Ratio Lower Upper
 119 100
 91 82.5 28.5 85.5
 134 24.7 11.3 33.8

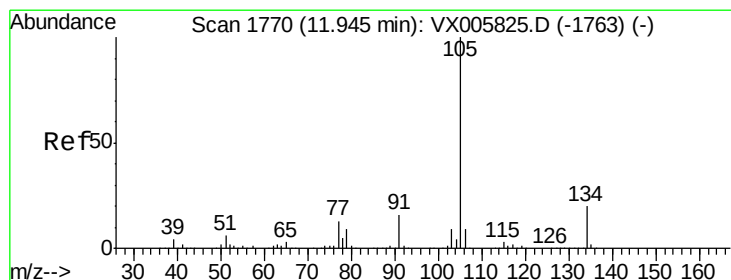
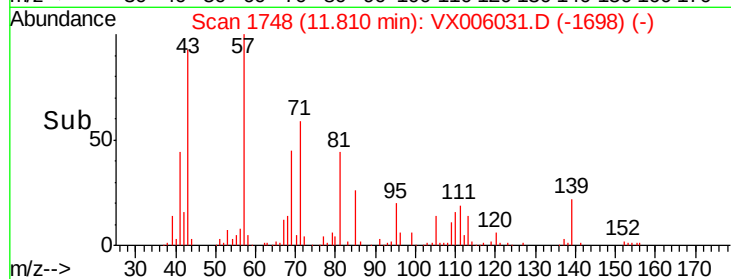
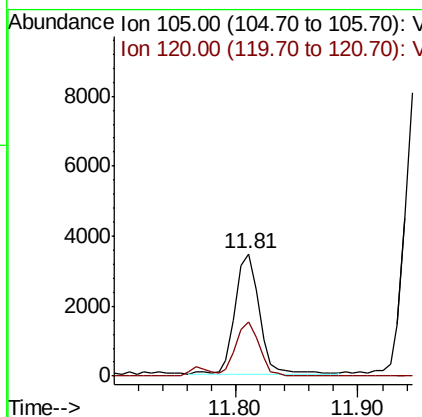
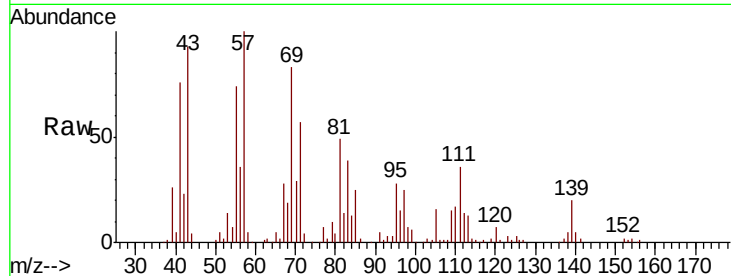




#84
 1,2,4-Trimethylbenzene
 Concen: 0.604 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.01 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

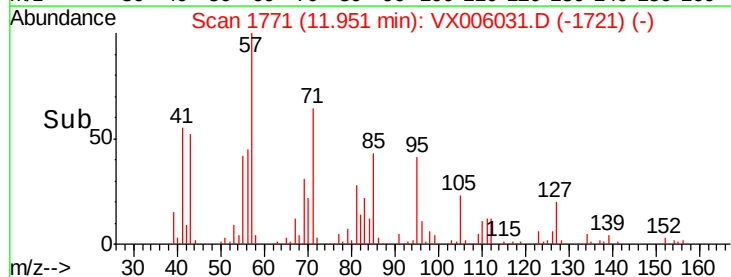
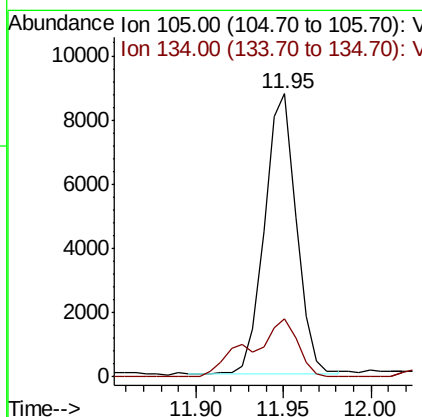
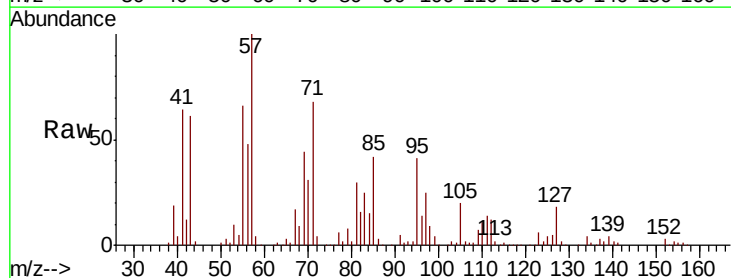
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

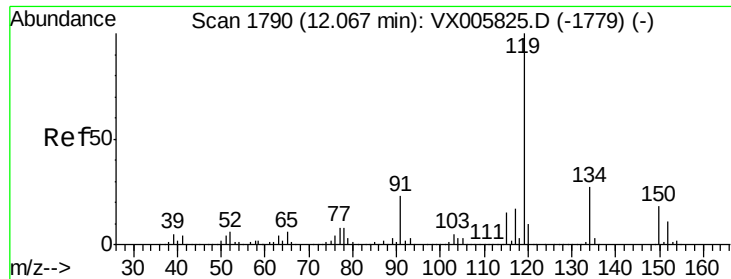
Tot Ion:105 Resp: 4721
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.4 67.0



#85
 sec-Butylbenzene
 Concen: 1.515 ug/l
 RT: 11.95 min Scan# 1771
 Delta R.T. 0.01 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion:105 Resp: 11098
 Ion Ratio Lower Upper
 105 100
 134 30.7 10.2 30.4#

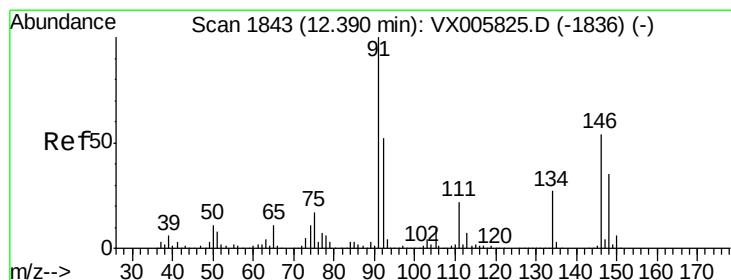
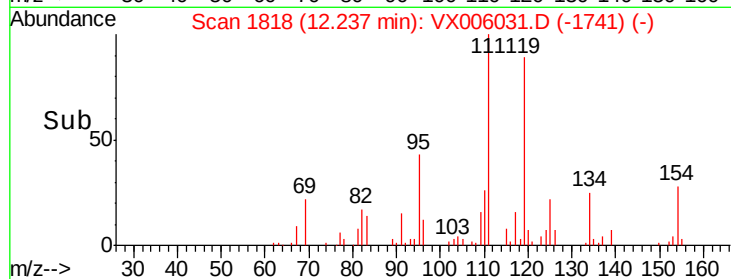
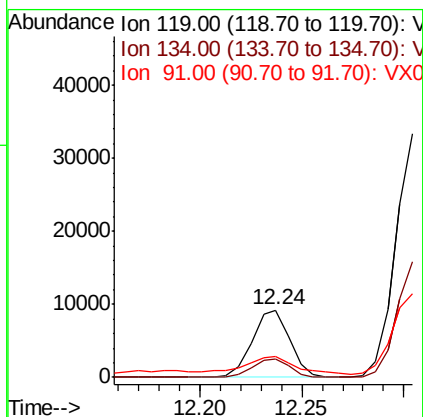
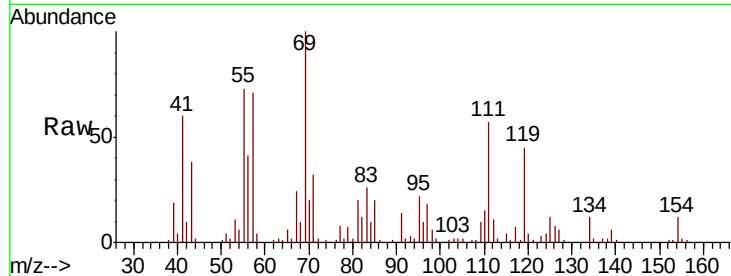




#86
 p-Isopropyltoluene
 Concen: 1.809 ug/l
 RT: 12.24 min Scan# 1818
 Delta R.T. 0.17 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

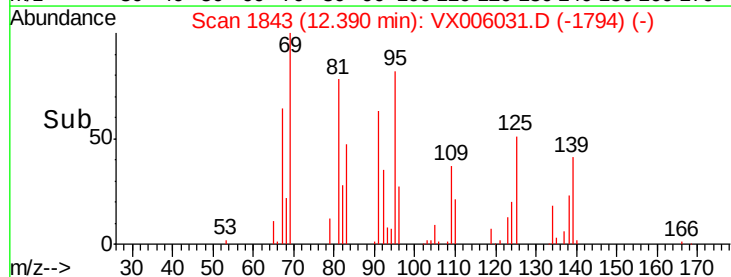
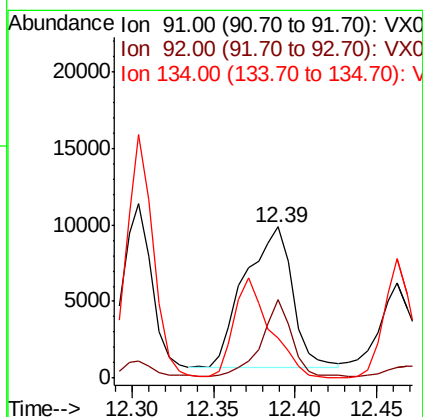
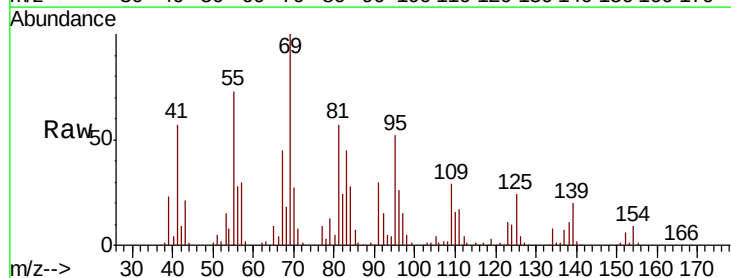
Instrument :
 MSVOA_X
 ClientSampleId :
 FDSB-06(21-23)

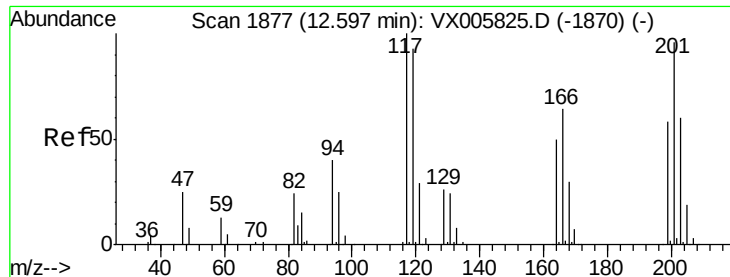
Tot Ion:119 Resp: 11739
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.0 39.0
 91 34.9 11.4 34.2#



#89
 n-Butylbenzene
 Concen: 3.089 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006031.D
 Acq: 15 Nov 2018 20:13

Tgt Ion: 91 Resp: 18575
 Ion Ratio Lower Upper
 91 100
 92 34.8 26.1 78.2
 134 54.6 13.1 39.3#





#90

Hexachloroethane

Concen: 13.899 ug/l

RT: 12.67 min Scan# 1889

Delta R.T. 0.07 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampled :

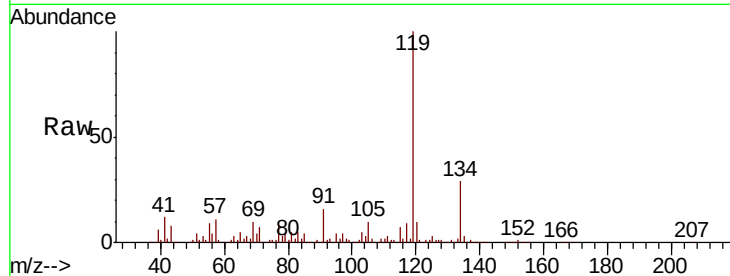
FDSB-06(21-23)

Tot Ion:117 Resp: 15057

Ion Ratio Lower Upper

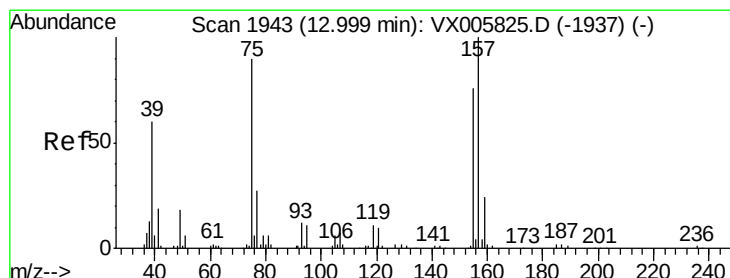
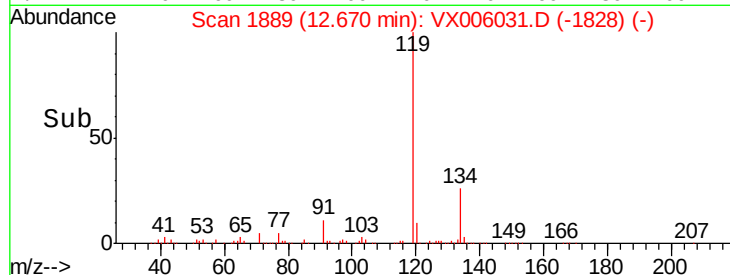
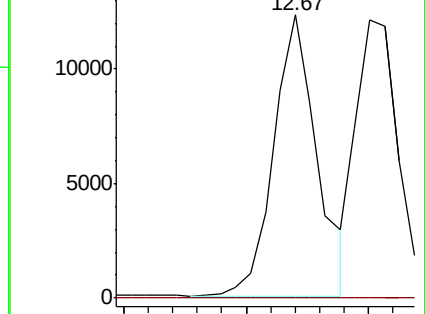
117 100

201 0.0 47.9 143.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.721 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

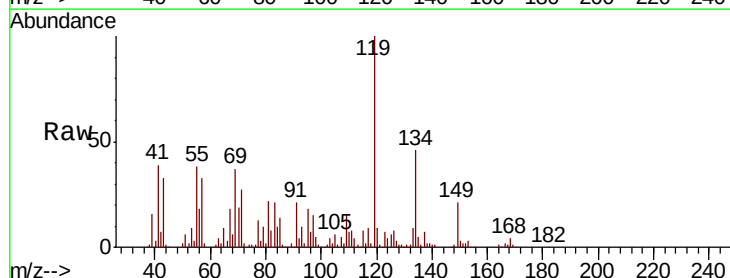
Tgt Ion: 75 Resp: 1074

Ion Ratio Lower Upper

75 100

155 0.0 45.4 136.1#

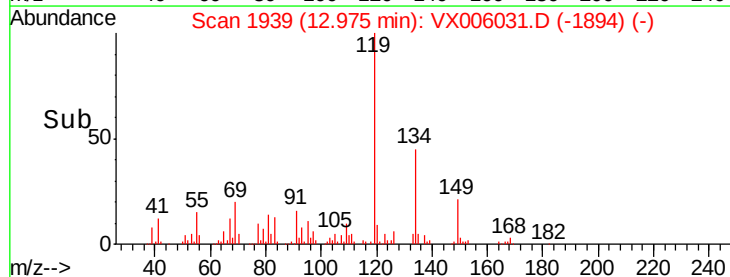
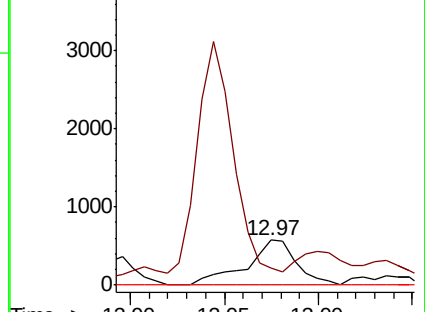
157 0.0 57.4 172.0#

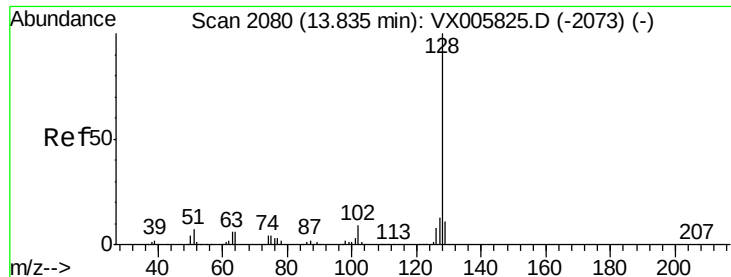


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 1.636 ug/l

RT: 13.85 min Scan# 2083

Delta R.T. 0.02 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Instrument :

MSVOA_X

ClientSampleId :

FDSB-06(21-23)

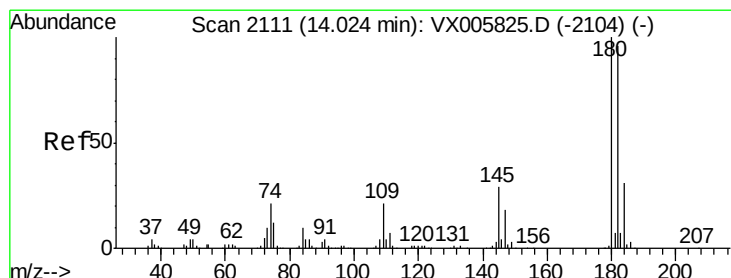
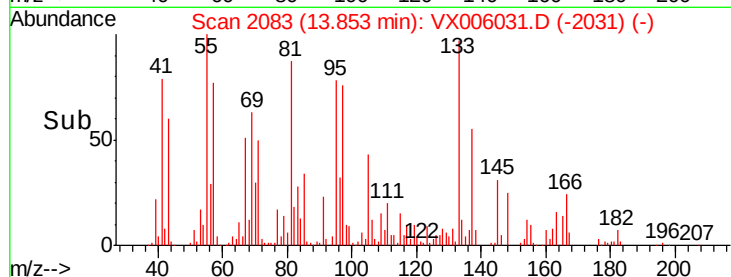
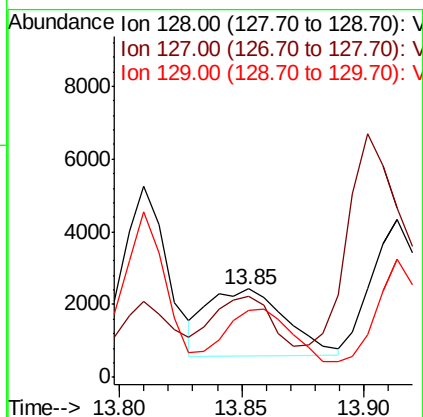
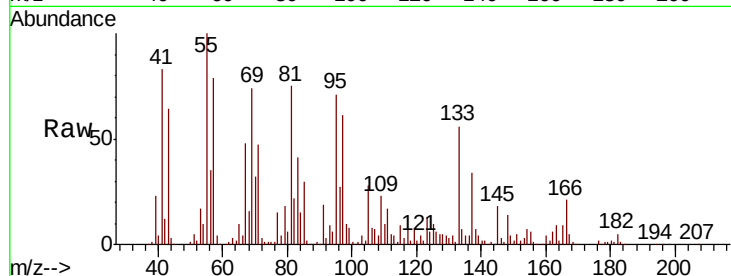
Tot Ion:128 Resp: 4075

Ion Ratio Lower Upper

128 100

127 59.3 10.4 15.6#

129 61.6 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 1.406 ug/l

RT: 14.04 min Scan# 2113

Delta R.T. 0.01 min

Lab File: VX006031.D

Acq: 15 Nov 2018 20:13

Tgt Ion:180 Resp: 3807

Ion Ratio Lower Upper

180 100

182 34.8 48.0 144.2#

145 631.5 15.1 45.3#

